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Vue.js is a front-end framework that builds on many of the reactive UI ideas introduced in React.js. Vue.js in Action teaches readers to build fast, flowing web UI with the Vue.js framework. As they move through the book, readers put their skills to practice by building a complete web store application with product listings, a checkout process, and an administrative interface! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. Learn the fundamentals of vue.js by creating complex SPAs with Vuex, vue-router and more Key Features We bridge the gap between "learning" and "doing" by providing real-world examples that will improve your web development skills with Vue.js Explore the exciting features of Vue.js 2 through practical and interesting examples Explore modern development tools and learn how to utilize them by building applications with Vue.js Book Description Vue.js is a frontend web framework which makes it easy to do just about anything, from displaying data up to creating full-blown web apps, and has become a leading tool for web developers. This book puts Vue.js into a real-world context, guiding you through example projects that helps you build Vue.js applications from scratch. With this book, you will learn how to use Vue.js by creating three Single Page web applications. Throughout this book, we will cover the usage of Vue, for building web interfaces, Vuex, an official Vue plugin which makes caching and storing data easier, and Vue-router, a plugin for creating routes and URLs for your application. Starting with a JSON dataset, the first part of the book covers Vue objects and how to utilize each one. This will be covered by exploring different ways of displaying data from a JSON dataset. We will then move on to manipulating the data with filters and search and creating dynamic values. Next, you will see how easy it is to integrate remote data into an application by learning how to use the Dropbox API to display your Dropbox contents in an application In the final section, you will see how to build a product catalog and dynamic shopping cart using the Vue-router, giving you the building blocks of an e-commerce store. What you will learn Looping through data with Vue.js Searching and filtering data Using components to display data Getting a list of files using the dropbox API Navigating through a file tree and loading folders from a URL Caching with Vuex Pre-caching for faster navigation Introducing vue-router and loading components Using vue-router dynamic routes to load data Using vue-router and Vuex to create an ecommerce store Who this book is for This book is for developers who know the basics of JavaScript and are looking to learn Vue.js with real examples. You should understand the basics of JavaScript functions and variables and be comfortable with using CSS or a CSS framework for styling your projects. Summary Testing Vue.js Applications is a comprehensive guide to testing Vue components, methods, events, and output. Author Edd Yerburgh, creator of the Vue testing utility, explains the best testing practices in Vue along with an evergreen methodology that applies to any web dev process. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Web developers who use the Vue framework love its reliability, speed, small footprint, and versatility. Vue's component-based approach and use of DOM methods require you to adapt your app-testing practices. Learning Vue-specific testing tools and strategies will ensure your apps run like they should. About the Book With Testing Vue.js Applications, you'll discover effective testing methods for Vue applications. You'll enjoy author Edd Yerburgh's engaging style and fun real-world examples as you learn to use the Jest framework to run tests for a Hacker News application built with Vue, Vuex, and Vue Router. This comprehensive guide teaches the best testing practices in Vue along with an evergreen methodology that applies to any web dev process. What's inside Unit tests, snapshot tests, and end-to-end tests Writing unit tests for

Vue components Writing tests for Vue mixins, Vuex, and Vue Router Advanced testing techniques, like mocking About the Reader Written for Vue developers at any level. About the Author Edd Yerburgh is a JavaScript developer and Vue core team member. He's the main author of the Vue Test Utils library and is passionate about open source tooling for testing component-based applications. Table of Contents Introduction to testing Vue applications Creating your first test Testing rendered component output Testing component methods Testing events Understanding Vuex Testing Vuex Organizing tests with factory functions Understanding Vue Router Testing Vue Router Testing mixins and filters Writing snapshot tests Testing server-side rendering Writing end-to-end tests APPENDICES A - Setting up your environment B - Running the production build C - Exercise answers Learn and explore all important features of Vue.js through a number of simple examples. Key Features Uses latest features such as Vue-cli 3, Vuex, and Nuxt Practical examples to understand Vue 2 quickly Step-by-step approach to reinforce concepts covered Book Description Vue.js is the latest trending frontend framework. Simplicity, reactivity, and flexibility are some of the key benefits that Vue offers to developers. This book will help you learn everything you need to know to build stunning reactive web apps with Vue.js 2 quickly and easily. This book will take you through the Vue 2 framework. You will start by learning the different Vue installation options: CDN, NPM, and Vue CLI. Then we will look at the core concepts of Vue: templates and components - ways to modularize Vue code. You will learn how to utilize directives, which are Vue-specific HTML attributes with additional features. Also, you will see how Vue uses a streamlined approach to development, with reusable methods, computed properties, and watchers, and how it controls state with the help of its data option. You will learn about the concepts of reactive programming in Vue, and how to understand communication between parent and child components. We will take a look at props and slots, working with CSS, filters, and mixins. We will also look at ways to add transitions and animations to Vue apps. Then you will extend Vue by building custom directives and your own plugins. Finally, you will learn about Vuex - a Vue plugin that allows us to centralize state, and also introduce Nuxt, which is a framework that builds on top of Vue and solves some issues of single-page applications. After learning about these components, you will be ready to build your own reactive web apps with Vue.js 2. What you will learn Develop apps with Vue.js Reuse components using slots Use filters, mixins, and global mixins in Vue Build custom directives in Vue Work with CSS animations Work with templates, directives, methods, data, computed properties, and watchers Use Nuxt and Vue-Router Build and deploy an SSR Vue app Who this book is for This book is for people who want to learn and experience developing with Vue.js. Familiarity with HTML, CSS, and JavaScript will help you get the most from this book. A complete guide to HP Vue for the beginning, day-to-day user, this indispensable book covers over 100 of the most useful HP-UX commands, including real-world screen displays to illustrate concepts, dozens of tips to save keyboard strokes and increase productivity, and hints and suggestions for customizing HP Vue setup files for your specific needs. A busy .NET developer's step-by-step guide to building fully functional, cloud-ready, and professional web apps without diving into the theory of frameworks and libraries Key Features Discover tenants of clean architecture in the latest ASP.NET Core 5 Web API Develop Vue.js 3 single-page applications (SPAs) using TypeScript and Vuex Learn techniques to secure, test, and deploy your full-stack web apps on Azure Book Description Vue.js 3 is faster and smaller than the previous version, and TypeScript's full support out of the box makes it a more maintainable and easier-to-use version of Vue.js. Then, there's ASP.NET Core 5, which is the fastest .NET web framework today. Together, Vue.js for the frontend and ASP.NET Core 5 for the backend make a powerful combination. This book follows a hands-on approach to implementing practical methodologies for building robust applications using ASP.NET Core 5 and Vue.js 3. The topics here are not deep dive and the book is intended for busy .NET developers who have limited time and want a quick implementation of a clean architecture with popular libraries. You'll start by setting up your web app's backend, guided by clean architecture, command query responsibility segregation (CQRS), mediator pattern, and Entity Framework Core 5. The book then shows you how to build the frontend application using best practices, state management with Vuex, Vuetify UI component

libraries, Vuelidate for input validations, lazy loading with Vue Router, and JWT authentication. Later, you'll focus on testing and deployment. All the tutorials in this book support Windows 10, macOS, and Linux users. By the end of this book, you'll be able to build an enterprise full-stack web app, use the most common npm packages for Vue.js and NuGet packages for ASP.NET Core, and deploy Vue.js and ASP.NET Core to Azure App Service using GitHub Actions. What you will learn Discover CQRS and mediator pattern in the ASP.NET Core 5 Web API Use Serilog, MediatR, FluentValidation, and Redis in ASP.NET Explore common Vue.js packages such as Vuelidate, Vuetify, and Vuex Manage complex app states using the Vuex state management library Write integration tests in ASP.NET Core using xUnit and FluentAssertions Deploy your app to Microsoft Azure using the new GitHub Actions for continuous integration and continuous deployment (CI/CD) Who this book is for This app development book is for .NET developers who want to get started with Vue.js and build full-stack enterprise web applications. Web developers looking to build a proof-of-concept application quickly and pragmatically using their existing knowledge of ASP.NET Core as well as developers who want to write readable and maintainable code using TypeScript and the C# programming language will also find this book useful. The book assumes intermediate-level .NET knowledge along with an understanding of C# programming, JavaScript, and ECMAScript. Build Vue apps the right way using Vue CLI 3. Understand how the building blocks of Vue CLI 3 work including npm, webpack, babel, eslint, plugins, GUI, testing, and SCSS. Import third-party libraries and maintain your project. Key Features Learn to work with Vue CLI 3 both on the command line and with a GUI Manage VueJS apps, settings, Vue plugins, and third-party libraries Learn how to build Vue apps from scratch using webpack, babel, ES6, vue-router, Jest, Cypress, SCSS, and Git Book Description The sprawling landscape of various tools in JavaScript web development is becoming overwhelming. This book will show you how Vue CLI 3 can help you take back control of the tool chain. To that end, we'll begin by configuring webpack, utilizing HMR, and using single-file .vue components. We'll also use SCSS, ECMAScript, and TypeScript. We'll unit test with Jest and perform E2E testing with Cypress. This book will show you how to configure Vue CLI as your default way of building Vue projects. You'll discover the reasons behind using webpack, babel, eslint, and other modern JavaScript toolchain technologies. You'll learn about the inner workings of each through the lens of Vue CLI 3. We'll explore the extendibility of Vue CLI with the built-in settings, and various core and third-party plugins. Vue CLI helps you work with Vue components, routers, directives, and services in the Vue ecosystem. While learning these concepts, you'll examine the evolution of JavaScript. You'll learn about use of npm, IIFEs, modules in JavaScript, Common.js modules, task runners, npm scripts, module bundlers, and webpack. You'll get familiar with the reasons why Vue CLI 3 is set up the way it is. You'll also learn to perform linting with ESLint and Prettier. Towards the end, we'll introduce you to working with styles and SCSS. Finally, we'll show you how to deploy your very own Vue project on Github Pages. What you will learn Work with nvm, install Node.js and npm, use Vue CLI 3 with no configuration, via the command line and the graphical user interface Build a Vue project from scratch using npm and webpack, and learn about hot module replacement Work with Babel settings, configurations, and presets Work with Vue plugins, including testing plugins such as Jest and Cypress Write, run, and watch unit and E2E tests using TDD assertions in the red-green-refactor cycle Work with Vue router and use, nested, lazy-loading, and dynamic routes Add SCSS to your projects and work with third-party Vue plugins Deploy your Vue apps to Github Pages Who this book is for This book is for existing web developers and developers who are new to web development. You must be familiar with HTML, CSS, and JavaScript programming. Basic knowledge of the command line will be helpful but is not necessary. Ready to Master Vue.js? What if you could master the entire framework - with solid foundations - in less time without beating your head against a wall? Imagine how quickly you could work if you knew the best practices and the best tools? Stop wasting your time searching and have everything you need to be productive in one, well-organized place, with complete examples to get your project up without needing to resort to endless hours of research. Lots of Sample Apps and Code You will learn what you need to know to work professionally with Fullstack Vue: The Complete Guide to Vue.js You'll build: A Server-Persisted

Shopping Cart Use the Flux-like library Vuex to manage data for a large shopping cart application that persists information on to a local server. A Calendar Event App Dive deeper into component based architecture by learning how simple state management works with Vue Single-file components. A Voting Application Learn how to render dynamic components and use standard Vue directives to build an interactive voting application. Forms with Validations Build powerful forms that accept user input, and give clear messaging when the input is of an invalid format. Vuex-based Routes and Authentication Build on top of the server persisted shopping cart app by creating dynamic routes and a token authentication flow with the official vue-router library. Build bullet-proof apps with Testing Use Vue's official test utility library, vue-test-utils, to create meaningful tests for a daily weather app that interacts with a third party API. What our Customers Say "Another must read from the team! Going through the book's real-world apps is like growing your dev superpowers one concept at a time." -- Luis Fernando Saavedra Meza "Providing code variations for every step along the way has been really helpful, by showing how the end result should look and making it easier for me to reproduce it!" -- Marina Landisberg "Hands up to Hassan for this masterpiece. In ready to follow steps and concise manner, you'll guided to master the framework of the future piece by piece. This book will make you love the frontend again and overcome the Javascript fatigue. Great job!" -- Christoph Jasinski Become a pro in creating modern interactive web applications using this JavaScript framework Key Features Explore the exciting features of Vue.js 2 through interesting examples and practical recipes Craft highly modular applications using design patterns and the component architecture of Vue.js Learn how to utilize modern development tools by building applications with Vue.js Book Description This Learning Path is divided into three sections, with each section bringing you closer to developing high-end modern web applications with Vue.js 2. It starts with building example applications to get well versed with the Vue.js ecosystem. You will learn to use Vue.js by creating three single page applications that explore Vuex and vue-router, the standard Vue tools for caching data and routing URLs for your applications. Going further, the Learning Path will address some of the challenges in designing web applications with Vue.js. The Learning Path will have easy-to-follow recipes to help you tackle the challenges and craft dynamic front end. You will learn to integrate web utilities like Babel and Webpack to enhance your development workflow. Finally, towards the end, the course will introduce you to several design patterns to help you write clean, maintainable, and reusable codes with Vue framework. At the end of the Learning Path, you will be confident with expertise in leveraging all the components and productivity features of Vue.js and will be on your way to design your web applications and execute it by writing clean code. This Learning Path includes content from the following Packt products: Vue.js 2.x by Example by Mike Street Vue.js 2 Cookbook by Andrea Passaglia Vue.js Design Patterns and Best Practices by Paul Halliday What you will learn Understand the fundamentals of Vue.js with practical examples Using vue-router dynamic routes to load data Build complex web interfaces using the Vue.js component system Use Webpack and Babel to enhance your development workflow Manage your application's state using Vuex Seamlessly implement routing in your single page applications Who this book is for The Learning Path is intended for JavaScript developers at any level of expertise who wants to learn Vue.js and develop productive web applications with the power of the latest Vue.js. Learn to build professional full-stack web apps with Vue.js and Laravel Key Features End-to-end guide on full-stack development with Vue.js 2 and Laravel 5 Developing modern user interfaces with a reusable component-based architecture Use Webpack to improve applications performance and development workflow Explore the features of Vuex to build applications that are powerful, consistent, and maintainable Book Description Vue is a JavaScript framework that can be used for anything from simple data display to sophisticated front-end applications and Laravel is a PHP framework used for developing fast and secure web-sites. This book gives you practical knowledge of building modern full-stack web apps from scratch using Vue with a Laravel back end. In this book, you will build a room-booking website named "Vuebnb". This project will show you the core features of Vue, Laravel and other state-of-the-art web development tools and techniques. The book begins with a thorough introduction to Vue.js and its core concepts like data binding, directives

and computed properties, with each concept being explained first, then put into practice in the case-study project. You will then use Laravel to set up a web service and integrate the front end into a full-stack app. You will be shown a best-practice development workflow using tools like Webpack and Laravel Mix. With the basics covered, you will learn how sophisticated UI features can be added using ES+ syntax and a component-based architecture. You will use Vue Router to make the app multi-page and Vuex to manage application state. Finally, you will learn how to use Laravel Passport for authenticated AJAX requests between Vue and the API, completing the full-stack architecture. Vue.js will then be prepared for production and deployed to a free Heroku cloud server. What you will learn

Core features of Vue.js to create sophisticated user interfaces
Build a secure backend API with Laravel
Learn a state-of-the-art web development workflow with Webpack
Full-stack app design principles and best practices
Learn to deploy a full-stack app to a cloud server and CDN
Managing complex application state with Vuex
Securing a web service with Laravel Passport
Who this book is for
This book targets developers who are new to Vue.js, Laravel, or both, and are seeking a practical, best-practice approach to development with these technologies. They must have some knowledge of HTML, CSS and Javascript. Vue.js is a front-end framework that builds on many of the reactive UI ideas introduced in React.js. Vue.js in Action teaches readers to build fast, flowing web UI with the Vue.js framework. As they move through the book, readers put their skills to practice by building a complete web store application with product listings, a checkout process, and an administrative interface! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

Front-End Development Projects with Vue.js introduces you to Vue 2 and helps you get started with web application development using this popular framework. You'll master the knowledge and skills needed to become an effective front-end developer and apply them to tackle real-world development challenges. A project-based, practical guide to get hands-on into Vue.js 2.5 development by building beautiful, functional and performant web applications

About This Book* Build exciting real world web projects from scratch and become proficient with Vue.js
Web Development* Take your app to the next level with animation, routing, state management, server-side rendering and i18n* Learn professional web programming techniques to supercharge your Vue.js projects
Who This Book Is For
If you are a web developer who now wants to create rich and interactive professional applications using Vue.js, then this book is for you. Prior knowledge of JavaScript is assumed. Familiarity with HTML, Node.js, and tools such as npm and webpack will be helpful but not necessary.

What You Will Learn* Set up a full Vue.js npm project with the webpack build tool and the official scaffolding tool, vue-cli* Write automatically updated templates with directives to create a dynamic web application* Structure the app with reusable and maintainable components* Create delightful user experiences with animations* Use build tools and preprocessor to make larger professional applications* Create a multi-page application with the official Vue.js routing library* Integrate non-Vue.js elements into your apps like Google Maps* Use the official state-management library to prevent errors* Optimize your app for SEO and performance with server-side rendering and internationalization

In Detail
Do you want to make your web application amazingly responsive? Are you unhappy with your app's performance and looking forward to trying out ways to make your app more powerful? Then Vue.js, a framework for building user interfaces, is a great choice, and this book is the ideal way to put it through its paces. This book's project-based approach will get you to build six stunning applications from scratch and gain valuable insights in Vue.js 2.5. You'll start by learning the basics of Vue.js and create your first web app using directives along with rich and attractive user experiences. You will learn about animations and interactivity by creating a browser-based game. Using the available tools and preprocessor, you will learn how to create multi-page apps with plugins. You will create highly efficient and performant functional components for your app. Next, you will create your own online store and optimize it. Finally, you will integrate Vue.js with the real-time Meteor library and create a dashboard showing real-time data. By the end of this book you will have enough skills and will have worked through enough examples of real Vue.js projects to create interactive professional web applications with Vue.js 2.5.

Style and approach
Project-based guide that will help you start building applications immediately

with an easy to follow approach. Our book will have 6 concrete projects. It will take readers through clear and logical steps, with screenshots and tips along the way to help you follow the guide and learn how to get more from Vue.js. Build Vue apps the right way using Vue CLI 3. Understand how the building blocks of Vue CLI 3 work including npm, webpack, babel, eslint, plugins, GUI, testing, and SCSS. Import third-party libraries and maintain your project. Key Features Learn to work with Vue CLI 3 both on the command line and with a GUI Manage VueJS apps, settings, Vue plugins, and third-party libraries Learn how to build Vue apps from scratch using webpack, babel, ES6, vue-router, Jest, Cypress, SCSS, and GitBook Description The sprawling landscape of various tools in JavaScript web development is becoming overwhelming. This book will show you how Vue CLI 3 can help you take back control of the tool chain. To that end, we'll begin by configuring webpack, utilizing HMR, and using single-file .vue components. We'll also use SCSS, ECMAScript, and TypeScript. We'll unit test with Jest and perform E2E testing with Cypress. This book will show you how to configure Vue CLI as your default way of building Vue projects. You'll discover the reasons behind using webpack, babel, eslint, and other modern JavaScript toolchain technologies. You'll learn about the inner workings of each through the lens of Vue CLI 3. We'll explore the extendibility of Vue CLI with the built-in settings, and various core and third-party plugins. Vue CLI helps you work with Vue components, routers, directives, and services in the Vue ecosystem. While learning these concepts, you'll examine the evolution of JavaScript. You'll learn about use of npm, IIFEs, modules in JavaScript, Common.js modules, task runners, npm scripts, module bundlers, and webpack. You'll get familiar with the reasons why Vue CLI 3 is set up the way it is. You'll also learn to perform linting with ESLint and Prettier. Towards the end, we'll introduce you to working with styles and SCSS. Finally, we'll show you how to deploy your very own Vue project on Github Pages. What you will learn Work with nvm, install Node.js and npm, use Vue CLI 3 with no configuration, via the command line and the graphical user interface Build a Vue project from scratch using npm and webpack, and learn about hot module replacement Work with Babel settings, configurations, and presets Work with Vue plugins, including testing plugins such as Jest and Cypress Write, run, and watch unit and E2E tests using TDD assertions in the red-green-refactor cycle Work with Vue router and use, nested, lazy-loading, and dynamic routes Add SCSS to your projects and work with third-party Vue plugins Deploy your Vue apps to Github Pages Who this book is for This book is for existing web developers and developers who are new to web development. You must be familiar with HTML, CSS, and JavaScript programming. Basic knowledge of the command line will be helpful but is not necessary. Become an expert Vue developer by understanding design patterns and the component architecture of Vue.js to write clean and maintainable code Key Features Craft highly modular applications by exploring design patterns and the component architecture of Vue.js Enforce a Flux-like application architecture in your Vue.js applications with Vuex Easy-to-follow examples that can be used to create reusable code and extensible designs Book Description Vue.js 2 Design Patterns and Best Practices starts by comparing Vue.js with other frameworks and setting up the development environment for your application, and gradually moves on to writing and styling clean, maintainable, and reusable Vue.js components that can be used across your application. Further on, you'll look at common UI patterns, Vue form submission, and various modifiers such as lazy binding, number typecasting, and string trimming to create better UIs. You will also explore best practices for integrating HTTP into Vue.js applications to create an application with dynamic data. Routing is a vitally important part of any SPA, so you will focus on the vue-router and explore routing a user between multiple pages. Next, you'll also explore state management with Vuex, write testable code for your application, and create performant, server-side rendered applications with Nuxt. Toward the end, we'll look at common antipatterns to avoid, saving you from a lot of trial and error and development headaches. By the end of this book, you'll be on your way to becoming an expert Vue developer who can leverage design patterns to efficiently architect the design of your application and write clean and maintainable code. What you will learn Understand the theory and patterns of Vue.js Build scalable and modular Vue.js applications Take advantage of Vuex for reactive state management Create single page applications with vue-router Use Nuxt for FAST server-side

rendered Vue applications Convert your application to a Progressive Web App (PWA) and add ServiceWorkers and offline support Build your app with Vue.js by following best practices and explore the common anti-patterns to avoid Who this book is for This book is for Vue developers who are familiar with framework design principles and utilize commonly found design patterns in developing web applications. Develop consistent web apps with Vuex by easily centralizing the state of your application Key Features Uncover the hidden features of Vuex to build applications that are powerful, consistent, and maintainable Enforce a Flux-like application architecture in your Vue application Test your Vuex elements and Vue components using Karma/Jasmine testing framework Book Description State management preserves the state of controls in a user interface. Vuex is a state management tool for Vue.js that makes the architecture easier to understand, maintain and evolve. This book is the easiest way to get started with Vuex to improve your Vue.js application architecture and overall user experience. Our book begins by explaining the problem that Vuex solves, and how it helps your applications. You will learn about the Vuex core concepts, including the Vuex store, changing application state, carrying out asynchronous operations and persisting state changes, all with an eye to scalability. You will learn how to test Vuex elements and Vue components with the Karma and Jasmine testing frameworks. You will see this in the context of a testing first approach, following the fundamentals of Test Driven Development. TDD will help you to identify which components need testing and how to test them. You will build a full Vuex application by creating the application components and services, and persist the state. Vuex comes with a plugin system that allows programmers to extend Vuex features. You will learn about some of the most powerful plugins, and make use of the built-in logger plugin. You write a custom Google Analytics plugin to send actions to its analytics API, and an Undo/Redo plugin. What you will learn Moving from classical MVC to a Flux-like architecture Implementing predictable centralized state management in your applications using Vuex Using ECMAScript 6 features for developing a real application Using webpack in conjunction with Vue single file components Testing your Vue/Vuex applications using Karma/Jasmine and inject-loader Simple and effective Test Driven Development Extending your application with Vuex plugins Who this book is for If you are a JavaScript developer, working on Vue.js and want to extend your web development skills to develop and maintain bigger applications using state management, then this book is for you. No knowledge of Vuex is required. Get a brisk introduction to building fast, interactive single-page web applications with Vue.js, the popular JavaScript framework that organizes and simplifies web development. With this practical guide, you'll quickly move from basics to custom components and advanced features—including JSX, the JavaScript syntax extension. Author Callum Macrae shows you how to use the most useful libraries in the Vue ecosystem, such as vue-router for routing, vuex for state management, and vue-test-utils for testing. If you're a frontend developer familiar with JavaScript, HTML, and CSS, this book will show you how to develop a fully featured web application using Vue. Learn Vue.js basics, including its use of templates to display data on a page Set up Vue projects from scratch, or use vue-cli to set up from a template Create a maintainable codebase by splitting code into self-contained components Discover how Vue.js works with CSS to style your websites and applications Use render functions and JSX, rather than templates, to determine what Vue displays Control how code is executed and displayed with vue-router Manage state in one centralized place with the Vuex library Write unit tests to ensure your Vue components don't break in the future Explore the new features of Vue.js 3 and discover best practices for building fault-tolerant and professional frontend web applications Key FeaturesMigrate your apps from Vue.js 2 to Vue.js 3 with the help of practical recipesExplore the latest Vue.js 3 features such as reactivity API, composition API, and TypeScript supportExtend the capabilities and performance of Vue.js apps with Quasar, Vuetify, and Nuxt.js frameworksBook Description Vue.js is a progressive web framework for building professional user interfaces for your web applications. With Vue.js 3, the frontend framework is reinforced with architectural enhancements, new base languages, new render processes, and separated core components. The book starts with recipes for implementing Vue.js 3's new features in your web development projects and migrating your existing Vue.js apps to the latest version. You will get up

and running with TypeScript with Vue.js and find succinct solutions to common challenges and pitfalls faced in implementing components, derivatives, and animation, through to building plugins, adding state management, routing, and developing complete single-page applications (SPAs). As you advance, you'll discover recipes to help you integrate Vue.js apps with Nuxt.js in order to add server-side rendering capabilities to your SPAs. You'll then learn about the Vue.js ecosystem by exploring modern frameworks such as Quasar, Nuxt.js, Vuex, and Vuetify in your web projects. Finally, the book provides you with solutions for packaging and deploying your Vue.js apps. By the end of this Vue.js book, you'll be able to identify and solve challenges faced in building Vue.js applications and be able to adopt the Vue.js framework for frontend web projects of any scale. What you will learn

Design and develop large-scale web applications using Vue.js 3's latest features
Create impressive UI layouts and pages using Vuetify, Buefy, and Ant Design
Extend your Vue.js applications with dynamic form and custom rules validation
Add state management, routing, and navigation to your web apps
Extend Vue.js apps to the server-side with Nuxt.js
Discover effective techniques to deploy your web applications with Netlify
Develop web applications, mobile applications, and desktop applications with a single code base using the Quasar framework

Who this book is for
The book is for both new and experienced Vue.js developers looking to overcome challenges in building dynamic web applications with Vue.js 3. Knowledge of JavaScript and TypeScript is assumed. A basic understanding of Vue.js will help you to make the most of this book. A fast paced that will teach you to build

Static JavaScript Sites and Amazing Web Apps Using VuePress
Key Features
Build quick, SEO-friendly static websites with VuePress and Vue.js
Develop and maintain your sites long term
Use the power of Vue + webpack, and develop custom themes with Vue

Book Description
What are static site generators, why do you need them, and how are they better than general blogging or writing or content tools? This book answers all those questions as you learn how to build sites with VuePress. This book teaches you how to build static sites in VuePress in no time. All the site content is rendered as HTML by VuePress and is then executed as a single-page web app. This means everything works fast and loads quickly. You will start by installing and setting up the VuePress static site generator. You will learn about the powerful JavaScript framework Vue.js, which underpins VuePress, looking at its uses and advantages. You will then dig deep into the specifics of VuePress, covering content creation in Markdown, customization, internationalization, and deployment. You will also learn about security methods, configuration files for new installations, and many other techniques to have you building your own sites safely and quickly. By the end of the book, you will have built your own static website by leveraging the power of Vue.js and VuePress.

What you will learn
Put together a simple site in Markdown
Use VuePress to generate a super-fast static site
Customize the appearance of your VuePress site using custom themes
Work with internationalization and localize your site in multiple languages
Set up a custom home page with a call to action button as well as other pages and a navigation menu
Deploy your JavaScript site to services such as Heroku, and Netlify

Who this book is for
If you want to create static sites easily, this book is for you. No knowledge of VuePress is required, but some experience with JavaScript will be helpful. Learn how to render lists of items without repeating your code structure and how to work with conditional rendering items and event handling. Containing all you need to know to get started with Vue.js, this book will take you through using build tools (transpile to ES5), creating custom components, state management, and routers. With Getting to Know Vue.js, you'll see how to combine reusable code with custom components, allowing you to create snippets of reusable code to suit your specific business needs. You'll also explore how to use Single File Components and the Vue.js Command Line Interface (CLI) to build components in a single file and add in build tools as you see fit. Getting started with a new Single Page Application (SPA) JavaScript framework can be an overwhelming task, but Vue.js makes this daunting task simple and easy to learn, allowing you to start implementing business needs with just a script reference to the library and the custom JavaScript required for your use case. Starting with a little reference and a handful of lines of custom JavaScript, you will have a complete Single Page Application before you know it. What You'll Learn

Examine Vue.js templating syntax
Work with binding methods
Manage the state of your app

by comparing your options of building a data store Adapt the more robust options compatible with Vue.js Review different router options, including creating your own router, using the Vue-router and using Page.js. Who This Book Is For Software developers with an understanding of HTML, CSS and JavaScript; prior understanding of a Single Page Application framework would be useful but not essential. Learn how to build amazing and complex reactive web applications easily with Vue.js About This Book Learn how to propagate DOM changes across the website without writing extensive jQuery callbacks code. Learn how to achieve reactivity and easily compose views with Vue.js and understand what it does behind the scenes. Explore the core features of Vue.js with small examples, learn how to build dynamic content into preexisting web applications, and build Vue.js applications from scratch. Who This Book Is For This book is perfect for novice web developer seeking to learn new technologies or frameworks and also for webdev gurus eager to enrich their experience. Whatever your level of expertise, this book is a great introduction to the wonderful world of reactive web apps. What You Will Learn Build a fully functioning reactive web application in Vue.js from scratch. The importance of the MVVM architecture and how Vue.js compares with other frameworks such as Angular.js and React.js. How to bring reactivity to an existing static application using Vue.js. How to use plugins to enrich your applications. How to develop customized plugins to meet your needs. How to use Vuex to manage global application's state. In Detail Vue.js is one of the latest new frameworks to have piqued the interest of web developers due to its reactivity, reusable components, and ease of use. This book shows developers how to leverage its features to build high-performing, reactive web interfaces with Vue.js. From the initial structuring to full deployment, this book provides step-by-step guidance to developing an interactive web interface from scratch with Vue.js. You will start by building a simple application in Vue.js which will let you observe its features in action. Delving into more complex concepts, you will learn about reactive data binding, reusable components, plugins, filters, and state management with Vuex. This book will also teach you how to bring reactivity to an existing static application using Vue.js. By the time you finish this book you will have built, tested, and deployed a complete reactive application in Vue.js from scratch. Style and approach This book is a thorough, step-by-step guide showing readers how to build complete web apps with Vue.js. While teaching its intricacies, this book shows how to implement the MVVM architecture in the real world and build high-performing web interfaces. A project-based, practical guide to get hands-on into Vue.js 2.5 development by building beautiful, functional and performant web applications About This Book Build exciting real world web projects from scratch and become proefficient with Vue.js Web Development Take your app to the next level with animation, routing, state management, server-side rendering and i18n Learn professional web programming techniques to supercharge your Vue.js projects Who This Book Is For If you are a web developer who now wants to create rich and interactive professional applications using Vue.js, then this book is for you. Prior knowledge of JavaScript is assumed. Familiarity with HTML, Node.js, and tools such as npm and webpack will be helpful but not necessary. What You Will Learn Set up a full Vue.js npm project with the webpack build tool and the official scaffolding tool, vue-cli Write automatically updated templates with directives to create a dynamic web application Structure the app with reusable and maintainable components Create delightful user experiences with animations Use build tools and preprocessor to make larger professional applications Create a multi-page application with the official Vue.js routing library Integrate non-Vue.js elements into your apps like Google Maps Use the official state-management library to prevent errors Optimize your app for SEO and performance with server-side rendering and internationalization In Detail Do you want to make your web application amazingly responsive? Are you unhappy with your app's performance and looking forward to trying out ways to make your app more powerful? Then Vue.js, a framework for building user interfaces, is a great choice, and this book is the ideal way to put it through its paces. This book's project-based approach will get you to build six stunning applications from scratch and gain valuable insights in Vue.js 2.5. You'll start by learning the basics of Vue.js and create your first web app using directives along with rich and attractive user experiences. You will learn about animations and interactivity by creating a browser-based game. Using the available tools and preprocessor, you will learn how to

create multi-page apps with plugins. You will create highly efficient and performant functional components for your app. Next, you will create your own online store and optimize it. Finally, you will integrate Vue.js with the real-time Meteor library and create a dashboard showing real-time data. By the end of this book you will have enough skills and will have worked through enough examples of real Vue.js projects to create interactive professional web applications with Vue.js 2.5.

Style and approach Project-based guide that will help you start building applications immediately with an easy to follow approach. Our book will have 6 concrete projects. It will take readers through clear and logical steps, with screenshots and tips along the way to help you follow the guide and learn how to get more from Vue.js. Mastering Vue.js helps the reader master the Vue.js JavaScript framework for faster and more robust front-end development. Vue is a popular JavaScript front-end framework that is rapidly expanding. It is easy to use, small (less than 24 KB), and really fast. It is simple to include in other applications and libraries. Vue.js is easy to install, and beginners may quickly learn how to use it and begin creating their interface design. What makes Vue special is that it is different from most other JavaScript frameworks and libraries. Unlike other monolithic frameworks, Vue is built from the ground up to be incrementally adaptable. The core library focuses primarily on the View layer, and is easy to use and combine with other libraries or projects. On the other hand, when merged with contemporary stacks and libraries, Vue is perfectly capable of running powerful Single-Page Web Applications. Working with Vue.js can be fun. Leveraging Vue and its plugins can help one easily create excellent Internet and smartphone-compatible applications. Vue is both compact and customizable, and comes with multiple capabilities for intelligent state management and navigation choices. All said and done, learning Vue is an excellent career initiative, especially since it is rapidly gaining favor among startups and established enterprises alike. Vue is an excellent choice if you want to make a highly engaging, flexible, and data-driven app. It has an easy-to-understand layout which you can learn in minutes. Unlike Angular or React, Vue.js does not have a lot of challenges or concepts to master. It is an excellent choice for programmers looking to learn and implement new technology for their next project. With Mastering Vue.js, learning Vue becomes very straightforward, which will help readers undoubtedly advance their careers. The Mastering Computer Science series is edited by Sufyan bin Uzayr, a writer and educator with over a decade of experience in the computing field. Michael Swanson's online discussions with literally thousands of NexStar owners made it clear that there was a desperate need for a book such as this - one that provides a complete, detailed guide to buying, using and maintaining NexStar telescopes. Although this book is highly comprehensive, it is suitable for beginners - there is a chapter on "Astronomy Basics" - and experts alike. Celestron's NexStar telescopes were introduced in 1999, beginning with their first computer controlled "go to" model, a 5-inch. More models appeared in quick succession, and Celestron's new range made it one of the two dominant manufacturers of affordable "go to" telescopes. Both beginning/novice amateur astronomers (at the level of Astronomy and Night Sky magazine readers), as well as more advanced amateur astronomers (level of Sky and Telescope) will find this book invaluable and fascinating. It includes detailed up-to-date information on sources, selection and use of virtually every major type, brand and model of such instruments on today's market. The book also includes details on the latest released telescope lines, e.g. the 10-, 12-, 14- and 16-inch aperture models of the Meade LX-R series. As a former editor for Sky & Telescope, Astronomy, and Star & Sky magazines, the author is the ideal person to write this book. A journey starts from zero understanding to dev ready in Vue.js

DESCRIPTION Vue.js is one of the quickly growing Javascript frameworks, which can be used in any scale of the project to help the stakeholders in rapid application development process. The good thing with Vue.js is that it is lightweight and can also be integrated with the existing project. It saves the development time and also enables managed HTML interface using Javascript. We have designed the book in a way that it keeps shaping the readers understanding in Vue.js. We have started with a basic advantage of learning Vue.js. Then the topic progresses through the introduction of Vue.js, how to setup a project, how CLI in Vue.js works, basic understanding of the HTML tags used with Vue.js, watchers and it wraps around with the computed properties along with a comparison

between watchers and computed property. By this time, the reader must have gained a fair knowledge on Vue.js. In this first part, we have also covered the usage of the debugging tool shared by Vue.js i.e Vue Chrome extension. In the middle section of the book, we have mostly covered the reusable part for Vue.js by covering the component basics and advance along with plugins, mixins, slots, filters, render functions and so on. At the end, we have added the routing, state management and building single page application concepts for the reader to make them equipped to create and work in projects. Additionally we have added one appendix which makes a quick and basic comparison between similar JS frameworks. We have also covered few alternatives of designing components in Vue.js.

KEY FEATURES

1. Learner can learn the concepts such as how Vue.js works in the real world with reusable items like components, plugins, mixins, and so on.
2. Efficient and different ways of writing the template codes like using HTML, using .vue files, and so on.
3. Along with several basics, we have emphasized the concepts which are the real implementation as per industry standard.
4. This book is a reference guide for the novice learners in Vue.js.
5. We have started with the basics of Vue.js and progressed through the basic elements. So that the reader will get a fair idea of it.
6. It will help the reader to decide between the frameworks as we have stated a framework comparison in the book.

WHAT WILL YOU LEARN This book would help the reader to acquire the knowledge on the Javascript framework like Vue.js. It would help them in understanding the two way binding, the way how states work, how the single paged application built and so on, which are the kind of much needed industry knowledge now-a-days.

WHO THIS BOOK IS FOR The reader should have a basic understanding of HTML, CSS and Javascript which are the basic building blocks of web development. So this book, we have skipped the basics of web development part and covered the Vue.js starting from basics to advanced.

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Develop consistent web apps with Vuex by easily centralizing the state of your application

Key Features Uncover the hidden features of Vuex to build applications that are powerful, consistent, and maintainable Enforce a Flux-like application architecture in your Vue application Test your Vuex elements and Vue components using Karma/Jasmine testing framework

Book Description State management preserves the state of controls in a user interface. Vuex is a state management tool for Vue.js that makes the architecture easier to understand, maintain and evolve. This book is the easiest way to get started with Vuex to improve your Vue.js application architecture and overall user experience. Our book begins by explaining the problem that Vuex solves, and how it helps your applications. You will learn about the Vuex core concepts, including the Vuex store, changing application state, carrying out asynchronous operations and persisting state changes, all with an eye to scalability. You will learn how to test Vuex elements and Vue components with the Karma and Jasmine testing frameworks. You will see this in the context of a testing first approach, following the fundamentals of Test Driven Development. TDD will help you to identify which components need testing and how to test them. You will build a full Vuex application by creating the application components and services, and persist the state. Vuex comes with a plugin system that allows programmers to extend Vuex features. You will learn about some of the most powerful plugins, and make use of the built-in logger plugin. You write a custom Google Analytics plugin to send actions to its analytics API, and an Undo/Redo plugin. What you will learn

Moving from classical MVC to a Flux-like architecture Implementing predictable centralized state management in your applications using Vuex Using ECMAScript 6 features for developing a

real application Using webpack in conjunction with Vue single file components Testing your Vue/Vuex applications using Karma/Jasmine and inject-loader Simple and effective Test Driven Development Extending your application with Vuex plugins Who this book is for If you are a JavaScript developer, working on Vue.js and want to extend your web development skills to develop and maintain bigger applications using state management, then this book is for you. No knowledge of Vuex is required. Amateur astronomers of all skill levels are always contemplating their next telescope, and this book points the way to the most suitable instruments. Similarly, those who are buying their first telescopes - and these days not necessarily a low-cost one - will be able to compare and contrast different types and manufacturers. This exciting and revised new guide provides an extensive overview of binoculars and telescopes. It includes detailed up-to-date information on sources, selection and use of virtually every major type, brand, and model on today's market, a truly invaluable treasure-trove of information and helpful advice for all amateur astronomers. Originally written in 2006, much of the first edition is inevitably now out of date, as equipment advances and manufacturers come and go. This second edition not only updates all the existing sections of "A Buyer's and User's Guide to Astronomical Telescopes and Binoculars" but adds two new ones: Astro-imaging and Professional-Amateur collaboration. Thanks to the rapid and amazing developments that have been made in digital cameras - not those specialist cool-chip astronomical cameras, not even DSLRs, but regular general-purpose vacation cameras - it is easily possible to image all sorts of astronomical objects and fields. Technical developments, including the Internet, have also made it possible for amateur astronomers to make a real contribution to science by working with professionals. Selecting the right device for a variety of purposes can be an overwhelming task in a market crowded with observing options, but this comprehensive guide clarifies the process. Anyone planning to purchase binoculars or telescopes for astronomy - whether as a first instrument or as an upgrade to the next level - will find this book a treasure-trove of information and advice. It also supplies the reader with many useful hints and tips on using astronomical telescopes or binoculars to get the best possible results from your purchase. Take your Bootstrap game to the next level with this practical guide About This Book Packed with easy-to-follow recipes on building responsive web pages with Bootstrap 4 that can be applied to a web project of your choice Build intuitive user interfaces that are mobile-ready with the latest features offered by BS4 Stay on top of the changes that Bootstrap 4 brings to front-end development Craft beautiful UIs and learn best practices, tips and tricks for quick, effortless, and proper Bootstrap 4 development Who This Book Is For If you are a web designer or a developer who is familiar with the basics of Bootstrap and now want to build highly responsive and professional web pages using Bootstrap 4, this cookbook is for you. Familiarity with the fundamentals of HTML, CSS and jQuery, and some experience of incorporating JavaScript plugins is assumed. What You Will Learn Craft beautiful UIs the right way Use jQuery and JavaScript to extend Bootstrap layouts Become more efficient by speeding up your workflow to achieve amazing results in the shortest time possible Setup your environment for future changes of the framework. Stay DRY by quickly prototyping Bootstrap-based websites with the help of Github's own serverless blogging platform, Jekyll Integrate Bootstrap with the most popular JS frameworks, Angular and React Combine Bootstrap with the .NET platform In Detail Bootstrap, one of the most popular front-end frameworks, is perfectly built to design elegant, powerful, and responsive interfaces for professional-level web pages. It supports responsive design by dynamically adjusting your web page layout. Bootstrap 4 is a major update with many impressive changes that greatly enhance the end results produced by Bootstrap. This cookbook is a collection of great recipes that show you how to use all the latest features of Bootstrap to build compelling UIs. This book is using the most up-to-date version of Bootstrap 4 in all its chapters. First off, you will be shown how you can leverage the latest core features of Bootstrap 4 to create stunning web pages and responsive media. You will gradually move on to extending Bootstrap 4 with the help of plugins to build highly customized and powerful UIs. By the end of this book, you will know how to leverage, extend, and integrate bootstrap to achieve optimal results for your web projects. Style and approach Packed full of solutions that can be instantly applied, the practical-based recipes will help you get the most from

Bootstrap. Learn and explore all important features of Vue.js through a number of simple examples. Key Features Uses latest features such as Vue-cli 3, Vuex, and Nuxt Practical examples to understand Vue 2 quickly Step-by-step approach to reinforce concepts covered Book Description Vue.js is the latest trending frontend framework. Simplicity, reactivity, and flexibility are some of the key benefits that Vue offers to developers. This book will help you learn everything you need to know to build stunning reactive web apps with Vue.js 2 quickly and easily. This book will take you through the Vue 2 framework. You will start by learning the different Vue installation options: CDN, NPM, and Vue CLI. Then we will look at the core concepts of Vue: templates and components - ways to modularize Vue code. You will learn how to utilize directives, which are Vue-specific HTML attributes with additional features. Also, you will see how Vue uses a streamlined approach to development, with reusable methods, computed properties, and watchers, and how it controls state with the help of its data option. You will learn about the concepts of reactive programming in Vue, and how to understand communication between parent and child components. We will take a look at props and slots, working with CSS, filters, and mixins. We will also look at ways to add transitions and animations to Vue apps. Then you will extend Vue by building custom directives and your own plugins. Finally, you will learn about Vuex - a Vue plugin that allows us to centralize state, and also introduce Nuxt, which is a framework that builds on top of Vue and solves some issues of single-page applications. After learning about these components, you will be ready to build your own reactive web apps with Vue.js 2. What you will learn Develop apps with Vue.js Reuse components using slots Use filters, mixins, and global mixins in Vue Build custom directives in Vue Work with CSS animations Work with templates, directives, methods, data, computed properties, and watchers Use Nuxt and Vue-Router Build and deploy an SSR Vue app Who this book is for This book is for people who want to learn and experience developing with Vue.js. Familiarity with HTML, CSS, and JavaScript will help you get the most from this book. Create lush terrains and atmospheres in Vue and enhance your knowledge of all the features in this software such as lighting, cameras, and Python scripting. Ami and Vladimir Chopine, from GeetAtPlay.com guide you through 17 stand-alone tutorials, each with a different focus on the key components of Vue. The companion website includes brand new video tutorials from Geekatplay as well as materials, atmosphere settings, image maps, models, project files, and completed images and animations. Vue 7: From the Ground Up is the only book officially certified by e-on software. Create fast front-end applications and increase the performance of your existing projects with Vue.js integration About This Book* Learn about computed properties, components, filters, routing, ES6, and workflow automation* This book will show you how easy Vue.js is to grasp, and that its integration can save you a lot of time and effort* This book will guide you through the path of the rapidly spreading JavaScript Framework Vue.js Who This Book Is For This book is for anyone interested in learning to use a lightweight and simple JavaScript framework. No excessive knowledge is required, though it would be good to be familiar with HTML and JavaScript. This book is also useful for those who already know their way around Vue.js and want to expand their knowledge. What You Will Learn* Get to know the fundamentals of Vue.js* Consume an API using Vue Resource* Explore components, filters, methods, and computed properties are and find out how to use them to build robust applications* Break your applications into Single File Components* Build Single Page Applications using Vue Router* Automate your workflow using Vue.js In Detail Vue.js is a library to build interactive web interfaces. The aim is to provide the benefits of reactive data binding and composable view components with an API that is as simple as possible. This book will teach you how to efficiently implement Vue.js in your projects. It starts with the fundamentals of Vue.js to building large-scale applications. You will find out what components, filters, methods, and computed properties are and how to use them to build robust applications. Further on, you will become familiar with ES6, single file components, module bundlers, and workflow automation. The best way to learn to code is to write it, so there's an exercise at the end of most of the chapters for you to solve and actually test yourself on what you have learned. You can solve these in order to gain a better understanding of Vue.js. By the end of this book, you will be able to create fast front-end applications and increase the performance of your

existing projects with Vue.js integration. Style and approach The book is written in an informal, intuitive, and easy-to-follow format, and all examples are detailed enough to provide adequate guidance to everyone. Build modern and progressive web applications with Vue.js and Ruby on Rails. As the Rails community embraces JavaScript, this book answers your most pressing questions, including how to integrate front-end technologies with Rails, whether to build a single-page application, when and how to use JavaScript in your project, how to scaffold a Vue component in Rails, and how to configure Vue.js in a Rails project. This book explores how to manage and understand priorities when working with Vue on Rails and how to determine the best configuration for your project. You'll see how to reuse your Vue components in a Rails project with less coding and harness the component options, as well as how to use props, events and slots of Vue components. You'll also use webpacker to set up your project and pass data from your Vue component to a Rails controller and back. Finally, you'll learn which is the best configuration for the router and how to test and deploy your application. These topics are essential for developers and product owners because they cover end-to-end advice for building a web application incrementally or from scratch. Vue.js on Rails shows you just how easy it is to build and maintain a modern web app and save hundreds of hours integrating these two technologies. What You'll Learn Use Vue and Rails together to improve products Build a web app with a focus on developer happiness Take a pragmatic approach to web app development with practical code examples Save time configuring Vue and RailsControl and manage states in a Vue on Rails project Who This Book Is For Product owners seeking a technology for a company's products with an emphasis on development scalability; business owners looking to maximize developer satisfaction and successful product development; technical managers requiring a pragmatic and successful web app development strategy; and new and experienced developers and designers learning to build web apps using the best tools available. Become efficient in both frontend and backend web development with Spring and Vue Key FeaturesConnect application's frontend and backend with Vue, Vuex, and Spring BootLeverage the latest web standards to enhance code performance, readability, and cross-compatibilityBuild secure full-stack web applications with Spring SecurityBook Description Building Applications with Spring 5 and Vue.js 2, with its practical approach, helps you become a full-stack web developer. As well as knowing how to write frontend and backend code, a developer has to tackle all problems encountered in the application development life cycle - starting from the simple idea of an application, to the UI and technical designs, and all the way to implementation, testing, production deployment, and monitoring. With the help of this book, you'll get to grips with Spring 5 and Vue.js 2 as you learn how to develop a web application. From the initial structuring to full deployment, you'll be guided at every step of developing a web application from scratch with Vue.js 2 and Spring 5. You'll learn how to create different components of your application as you progress through each chapter, followed by exploring different tools in these frameworks to expedite your development cycle. By the end of this book, you'll have gained a complete understanding of the key design patterns and best practices that underpin professional full-stack web development. What you will learnAnalyze requirements and design data modelsDevelop a single-page application using Vue.js 2 and Spring 5Practice concept, logical, and physical data modelingDesign, implement, secure, and test RESTful API Add test cases to improve reliability of an applicationMonitor and deploy your application to productionWho this book is for Building Applications with Spring 5.0 and Vue.js 2.0 is for you if you are developer who is new to Vue.js or Spring. It is assumed that you have some knowledge of HTML, CSS, and Java. VUE JS Vue JS is a progressive real time framework for building user interfaces. Unlike other monolithic frameworks, Vue is designed from the ground up to be incrementally adoptable. Also,Vue is becoming more popular day by day and thousands of jobs are posting each day. Each chapter will contain a certain number of relevant topics with illustrations and exercises where necessary, this will all be finished off with an end of chapter quiz for an easy and enjoyable learning. Benefits of this Book/Tutorial you will not find anywhere else: This book will help you to become a master of Vue JS for real This book teaches you Vue JS from beginning to advanced level Also it will show you how to install Vue JS packages step by step as well CLICK ADD

TO CART TO GET THIS AMAZING BOOK! This book focuses on the popular frontend web framework Vue's latest version, Vue 3.0. You'll explore the Vue ecosystem, discover how you can use it to achieve impressive results in a short space of time, and learn essential Vue 3 concepts by building real-world applications.

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