

Vue Js Applications Web Complexes Et Ra C Actives

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Web Application Security Packt Publishing Ltd

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.

Hands-on Nuxt.js Web Development Springer Nature

Since its release in 2014, Vue.js has seen a meteoric rise to popularity and is now considered one of the primary front-end frameworks, and not without good reason. Its component-based architecture was designed to be flexible and easy to adopt, making it just as easy to integrate into projects and use alongside non-Vue code as it is to build complex client-side applications. If you're an experienced developer looking to make a start with Vue, this book is for you. It provides a rapid introduction to the key topics that you'll need to understand. It contains: Getting up and Running with the Vue.js 2.0 Framework by Jack Franklin Getting Started with Vuex: a Beginner's Guide by Michael Wanyoike A Beginner's Guide to Vue CLI by Ahmed Bouchefra A Beginner's Guide to Working With Components in Vue by Kingsley Silas A Beginner's Guide to Working with Forms in Vue by Kingsley Silas How to Conditionally Apply a CSS Class in Vue.js by Chad Campbell How to Replace jQuery with Vue

by Nilson Jacques Nuxt.js: a Minimalist Framework for Creating Universal Vue.js Apps by Olayinka Omole Optimize the Performance of a Vue App with Async Components by Michiel Mulders

Hands-On Blockchain for Python Developers Packt Publishing Ltd

Frontend development is the process of creating user-interactive components. User interfaces, buttons, user-entered data, webpages, and user experience (UX) features are all examples of frontend development. User experience is the primary focus of frontend development. As frontend engineers, you build the portions of an application that are directly accessed by end users using relevant coding and design approaches with the goal of making the overall interface elegant, easy to use, fast, and secure, fostering user engagement and interaction. Frontend development is the process of transforming data into a graphical user interface. The essential foundations of frontend web development have always been HTML, CSS, and JavaScript.

Anyone interested in becoming a frontend developer has a bright future ahead of them. Increased Internet usage, particularly on mobile devices, necessitates more user interfaces, resulting in more frontend developer jobs. The role of frontend web developers is more crucial than it has ever been. Key Features:

- A step-by-step approach to problem-solving and skill development
- A quick run-through of the basic concepts in the form of a "Crash Course"
- An advanced, hands-on core concepts with a focus on real-world problems
- An industry-level coding paradigm, practice-

oriented explanatory approach • A special emphasis on writing clean and optimized code, with additional chapters focused on coding methodology

Pro Vue.js 2 CRC Press

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.

Vue.js 3 By Example Packt Publishing Ltd
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. *Building web applications with Vue.js* Editions Eyrolles Explore Vue.js to take advantage of the capabilities of modern browsers and devices using the fastest-growing framework for building dynamic JavaScript applications. You will work with the power of the Model-View-Controller (MVC) pattern on the client, creating a strong foundation for complex and rich web apps. Best-selling author Adam Freeman explains how to get the most from Vue.js 2. He begins by describing the MVC pattern and the benefits it can offer. He then shows you how to use Vue.js in your projects,

starting from the nuts and bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Chapters include common problems and how to avoid them. What You'll LearnGain a solid architectural understanding of the MVC pattern Create rich and dynamic web app clients using Vue.js 2 Extend and customize Vue.js Test your Vue.js projects Who This Book Is For JavaScript developers who want to use Vue.js to create dynamic client-side applications **Vue.js 2 Cookbook** Springer Since its release in 2014, Vue.js has seen a meteoric rise to popularity and is now considered one of the primary front-end frameworks, and not without good reason. Its component-based architecture was designed to be flexible and easy to adopt, making it just as easy to integrate into projects and use alongside non-Vue code as it is to build complex client-side applications. Now revised to cover Vue 3, this short book is ideal for front-end developers who need a rapid introduction to Vue.js. It covers: Basic concepts: Vue fundamentals, templates, and reactive data Components: custom components, events and slots State management: Vuex, mutations, actions Routes: creating routes, links and route guards Nuxt.js: build sophisticated apps in no time And much more! **Vue.js - Applications web complexes et réactives** Packt Publishing Ltd Explore Vue.js to take advantage of the capabilities of modern browsers and devices using the fastest-growing framework for building dynamic JavaScript applications. You will work with the power of the Model-View-Controller (MVC) pattern on the client, creating a strong foundation for complex and rich web apps. Best-selling author Adam Freeman explains how to get the most from Vue.js 2. He begins by describing the MVC pattern and the benefits it can offer, and then shows you how to use Vue.js in your projects, starting from the nuts-and-bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Chapters include common problems and how to avoid them. What You'll Learn Gain a solid architectural understanding of the MVC pattern Create rich and dynamic web app clients using Vue.js 2 Extend and customize Vue.js Test your Vue.js projects Who This Book Is For JavaScript developers who want to use Vue.js to create dynamic client-side applications **Testing Vue.js Applications** SitePoint 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. **Full-Stack Vue.js 2 and Laravel 5** Packt Publishing Ltd Leverage ASP.NET core 2.0 web API and the

power of Vue.js at the client side to create modern applications from scratch Key Features Create fast, rich and reactive client side applications with Vue.js and ASP.NET Core. Leverage Vue components efficiently to build state of the art user interfaces. Work with Vuex and Nuxt.js to build ASP.NET Core based applications that are powerful, consistent, and maintainable Book Description This book will walk you through the process of developing an e-commerce application from start to finish, utilizing an ASP.NET Core web API and Vue.js Single-Page Application (SPA) frontend. We will build the application using a featureslice approach, whereby in each chapter we will add the required frontend and backend changes to complete an entire feature. In the early chapters, we'll keep things fairly simple to get you started, but by the end of the book, you'll be utilizing some advanced concepts, such as server-side rendering and continuous integration and deployment. You will learn how to set up and configure a modern development environment for building ASP.NET Core web APIs and Vue.js SPA frontends. You will also learn about how ASP.NET Core differs from its predecessors, and how we can utilize those changes to our benefit. Finally, you will learn the fundamentals of building modern frontend applications using Vue.js, as well as some of the more advanced concepts, which can help make you more productive in your own applications in the future. What you will learn Setup a modern development environment for building both client-side and server-side code Use Vue CLI to scaffold front-end applications Build and compose a set of Vue.js components Setup and configure client-side routing to introduce multiple pages into a SPA Integrate popular CSS frameworks with Vue.js to build a product catalogue Build a functioning shopping cart that persists its contents across browser sessions Build client-side forms with immediate validation feedback using an open-source library dedicated to Vue.js form validation Refactor backend application to use the OpenIddict library Who this book is for This book is aimed at ASP.NET developers who are looking for an entry point in learning how to build a modern client-side SPA with Vue.js, or those with a basic understanding of Vue.js who are looking to build on their knowledge and apply it to a real-world application. Knowledge of JavaScript is not necessary, but would be an advantage.

Vue.js 2.x by Example Packt Publishing Ltd Learn Nuxt.js for building server-side rendered, static-generated, and production-ready Vue.js web applications with the help of practical examples Key Features Explore techniques for authentication, testing, and deployment to build your first complete Nuxt.js web app Write cleaner, maintainable, and scalable isomorphic JavaScript web applications Transform your Vue.js application into universal and static-generated web apps Book Description Nuxt.js is a progressive web framework built on top of Vue.js for server-side rendering (SSR). With Nuxt.js and Vue.js, building universal and static-generated applications from scratch is now easier than ever before. This book starts with an introduction to Nuxt.js and its constituents as a universal SSR framework. You'll learn the fundamentals of Nuxt.js and find out how you can integrate it with the latest version of Vue.js. You'll then explore the

Nuxt.js directory structure and set up your first Nuxt.js project using pages, views, routing, and Vue components. With the help of practical examples, you'll learn how to connect your Nuxt.js application with the backend API by exploring your Nuxt.js application's configuration, plugins, modules, middleware, and the Vuex store. The book shows you how you can turn your Nuxt.js application into a universal or static-generated application by working with REST and GraphQL APIs over HTTP requests. Finally, you'll get to grips with security techniques using authorization, package your Nuxt.js application for testing, and deploy it to production. By the end of this web development book, you'll have developed a solid understanding of using Nuxt.js for your projects and be able to build secure, end-to-end tested, and scalable web applications with SSR, data handling, and SEO capabilities. What you will learn Integrate Nuxt.js with the latest version of Vue.js Extend your Vue.js applications using Nuxt.js pages, components, routing, middleware, plugins, and modules Create a basic real-time web application using Nuxt.js, Node.js, Koa.js and RethinkDB Develop universal and static-generated web applications with Nuxt.js, headless CMS and GraphQL Build Node.js and PHP APIs from scratch with Koa.js, PSRs, GraphQL, MongoDB and MySQL Secure your Nuxt.js applications with the JWT authentication Discover best practices for testing and deploying your Nuxt.js applications Who this book is for The book is for any JavaScript or full-stack developer who wants to build server-side rendered Vue.js apps. A basic understanding of the Vue.js framework will assist with understanding key concepts covered in the book.

Vue.js in Action SitePoint

Get started with Vue.js quickly and easily with this book This book provides a compact and practical introduction to the popular Vue.js. Use the MVVC concept for applications on the web on the basis of MVC design patterns and create single-page web applications easily. You will use one of the powerful frameworks based only on elementary WWW standard technologies. With Vue.js you will understand and apply data binding, components, directives and modularity. With this book, you will not only learn the most important basics of Vue.js. You will also learn how to create and maintain web applications with this JavaScript web framework. The focus of this comprehensive work is on the following aspects: - HTML/CSS/JavaScript and the Web: The Vue.js environment - Basis of JavaScript (above all JSON) - Working with the Vue instance - templates - Double Curly Syntax and Data Binding With its strong application focus, this book on Vue.js is an ideal companion for self-study or relevant courses. In terms of content, it is aimed at: (a) creators of websites (b) programmers (c) Web designer Dive even deeper into the matter Ralph Steyer shows which prerequisites you should have to work with this book. Then you will learn more about the framework and the special features of Vue.js. In the further course, the author covers these partial aspects, among others: - First examples - just test Vue.js once - How and why does Vue.js work? - Conditional Rendering: The v-if directive - making decisions - Dynamic layouts with data binding - making stylesheets dynamic - Forms and form data binding - interaction with the

user - Transitions and animations - Moving things If you want to learn even more about the application, this book gives you an outlook on further possible uses and functions of Vue.js in the final chapter. To make it easier for you to get started, you will find program codes and illustrations in each chapter that illustrate complex processes.

Vue.js Quick Start Guide Simon and Schuster

Since its release in 2014, Vue.js has seen a meteoric rise to popularity and is now considered one of the primary front-end frameworks, and not without good reason. Its component-based architecture was designed to be flexible and easy to adopt, making it just as easy to integrate into projects and use alongside non-Vue code as it is to build complex client-side applications. This is a collection of three books covering crucial Vue topics. It contains: Working with Vue.js 11 Practical Vue.js Projects Vue.js: Tools & Skills A Frontend Web Developer's Guide to Testing "O'Reilly Media, Inc."

While many resources for network and IT security are available, detailed knowledge regarding modern web application security has been lacking—until now. This practical guide provides both offensive and defensive security concepts that software engineers can easily learn and apply. Andrew Hoffman, a senior security engineer at Salesforce, introduces three pillars of web application security: recon, offense, and defense. You'll learn methods for effectively researching and analyzing modern web applications—including those you don't have direct access to. You'll also learn how to break into web applications using the latest hacking techniques. Finally, you'll learn how to develop mitigations for use in your own web applications to protect against hackers. Explore common vulnerabilities plaguing today's web applications Learn essential hacking techniques attackers use to exploit applications Map and document web applications for which you don't have direct access Develop and deploy customized exploits that can bypass common defenses Develop and deploy mitigations to protect your applications against hackers Integrate secure coding best practices into your development lifecycle Get practical tips to help you improve the overall security of your web applications

Building Vue.js Applications with GraphQL Packt Publishing Ltd

Enrich your software design skills and take a guided tour of the wild, vast, and untamed frontier that is JavaScript development. Especially useful for frontend developers, this revision includes specific chapters on React and VueJS, as well as an updated one on Angular. To help you get the most of your new skills, each chapter also has a "further reading" section. This book will serve as an introduction to both new and well established libraries and frameworks, such as Angular, VueJS, React, Grunt, Yeoman, RequireJS, Browserify, Knockout, Kraken, Async.js, Underscore, and

Lodash. It also covers utilities that have gained popular traction and support from seasoned developers and tools applicable to the entire development stack, both client- and server-side. While no single book can possibly cover every JavaScript library of value, *JavaScript Frameworks for Modern Web Development* focuses on incredibly useful libraries and frameworks that production software uses. You will be treated to detailed analyses and sample code for tools that manage dependencies, structure code in a modular fashion, automate repetitive build tasks, create specialized servers, structure client side applications, facilitate horizontal scaling, and interacting with disparate data stores. What You'll Learn Work with a variety of JavaScript frameworks, such as Angular, Vue, React, RequireJS, Knockout, and more Choose the right framework for different types of projects Employ the appropriate libraries and tools in your projects Discover useful JavaScript development tools such as Grunt, Yeoman, Lodash, etc. Who This Book Is For Web developers of all levels of ability; particularly relevant for front-end developers, server-side coders, and developers interested in learning JavaScript.

Vue.js 2 Cookbook Apress

This book is a comprehensive guide to frontend web app testing. You'll develop a solid understanding of the advanced features that lead testing frameworks offer and the pillars of a successful web app testing strategy. With this book, you'll be able to devise a suitable testing strategy using both code coverage and test coverage measurements.

Vue.js 2 and Bootstrap 4 Web Development SitePoint

101 hands-on recipes that teach you how to build professional, structured web apps with Vue.js About This Book Understand and use Vue's reactivity system, data binding, and computed properties Create fluid transitions in your application with Vue's built-in transition system Use Vuex and Webpack to build medium-to-large scale SPAs and enhance your development workflow Who This Book Is For This book is for developers who want to learn about Vue.js through practical examples to quickly and efficiently build modern, interactive web applications. Prior experience and familiarity with JavaScript, HTML, and CSS are recommended as the recipes build upon that knowledge. It will also enable both new and existing Vue.js users to expand their knowledge of the framework. What You Will Learn Understand the fundamentals of Vue.js through numerous practical examples Piece together 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 and see how to structure your projects according to best practices Seamlessly implement routing in your single page applications using Vue Router Find out how to use Vue.js with a variety of technologies such as Node.js, Electron, Socket.io, Firebase, and HorizonDB by building complete applications In Detail Vue.js is an open source JavaScript library for building modern, interactive web applications. With a rapidly growing community and a strong ecosystem, Vue.js makes developing complex single page applications a breeze. Its component-based approach, intuitive API, blazing fast core,

and compact size make Vue.js a great solution to craft your next front-end application. From basic to advanced recipes, this book arms you with practical solutions to common tasks when building an application using Vue. We start off by exploring the fundamentals of Vue.js: its reactivity system, data-binding syntax, and component-based architecture through practical examples. After that, we delve into integrating Webpack and Babel to enhance your development workflow using single file components. Finally, we take an in-depth look at Vuex for state management and Vue Router to route in your single page applications, and integrate a variety of technologies ranging from Node.js to Electron, and Socket.io to Firebase and HorizonDB. This book will provide you with the best practices as determined by the Vue.js community. Style and approach This book offers detailed, easy-to-follow recipes that will help you harness full potential of Vue.js. The guide will provide you with working code examples for many of the common problems that web developers face. Each recipe is designed to help you quickly understand and solve a particular problem that is commonly faced by developers using Vue.js in a simple and intuitive manner. This book also includes larger recipes to address obstacles arising from building medium-to-large scale applications with Vue.js.

Learn Vue.js: The Collection Packt Publishing Ltd

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.

Vue.js: 11 Practical Projects Packt Publishing Ltd

Since its release in 2014, Vue.js has seen a meteoric rise to popularity and is now considered one of the primary front-end frameworks, and not without good reason. Its component-based architecture was designed to be flexible and easy to adopt, making it just as easy to integrate into projects and use alongside non-Vue code as it is to build complex client-side applications. This book contains a selection of 11 practical projects covering different aspects of working with Vue. It contains: Build a Basic CRUD App with Vue.js, Node and MongoDB by James Hibbard Creating Beautiful Charts Using Vue.js Wrappers for Chart.js by Yomi Eluwande Build a Real-time Chat App with Pusher and Vue.js by Michael Wanyoike Building a Vue Front End for a Headless CMS by Michael Wanyoike How to Build a Chrome Extension with Vue by James Hibbard Build Your Own Link-sharing Site with Nuxt.js and vue-kindergarten by Nilson Jacques An Introduction to Data Visualization with Vue and D3.js by Christopher Vundi How to Build a Reusable Component with Vue by Deji Atoyebi How to Build a Game with Vue.js by Ivaylo Gerchev Build a Shopping List App with Vue, Vuex and Bootstrap Vue by Michael Wanyoike How to Develop and Test Vue Components with Storybook by Ivaylo Gerchev

ASP.NET Core and Vue.js Apress

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.