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Learn how to test, secure, and deploy elegant PHP applications, with Laravel.

Was Laravel von anderen PHP-Web-Frameworks unterscheidet? Es ist schnell, strukturiert, elegant und macht einfach Spaß. Dieses Framework für die schnelle Anwendungsentwicklung bietet ein ganzes Ökosystem an Tools, sodass Sie schon nach kurzer Zeit in der Lage sind, neue Websites und Anwendungen mit sauberem, lesbarem Code zu erstellen. Dieses Buch bietet eine umfassende Einführung in eines der derzeit beliebtesten Web-Frameworks - inklusive erprobtem Praxiswissen und tiefergehender Einblicke in die zugrunde liegenden Konzepte. Es deckt die Version Laravel 6 (mit Long Term Support) ab. Matt Stauffer, ein führender Entwickler der Laravel-Community, liefert einen Gesamtüberblick und eine Vielzahl konkreter Beispiele, sodass PHP-Web-Entwickler sofort produktiv mit dem Framework arbeiten können. Diese Aufgabe behandelt auch Laravel Dusk und Horizon und bietet Informationen über Community-Ressourcen sowie Pakete, die nicht zum Kern von Laravel gehören. Machen Sie sich vertraut mit: - Blade, Laravels mächtiger Templating-Engine - dem Sammeln, Validieren, Normalisieren und Filtern von benutzerdefinierten Daten - Eloquent, dem objektrelationalen Mapper für die Arbeit mit Anwendungsdatenbanken - dem Testen Ihres Codes mit PHPUnit, Mockery und Dusk - dem Entwurf von JSON- und RESTful-APIs - dem Zugriff auf Dateisystem, Sitzungen, Cookies, Caches und Suchfunktionen - dem Einsatz von Queues, Jobs, Events und Notifications - dem Einbinden von Frontend-Komponenten wie Vue.js, ReactVue.js oder React

Develop cutting-edge websites and applications using the new features of Laravel 5.8. This book starts with an introduction to Laravel and takes a glance at its newly introduced features. Moving on to setting up your development environment, you will learn how the composer works. In addition to this, you will be introduced to Valet, Homestead, Virtual Box, Vagrant, and Forge in Laravel. With this foundation, you will be ready to get started writing your first Laravel apps. To do so, you will learn to manage routes and controllers and how the Blade template works. Moving on to models, you will work with route model binding and get to know the relationship between models, databases, and Eloquent. Along the way you will define methods on your Eloquent model classes using different types of relationships. Shifting focus to handling user data, you will see how redirect methods work. You will also get to know the inner workings of requests and responses. Continuing the data theme, Beginning Laravel covers basic and grouped artisan commands and how to handle databases with Tinker. By being able to handle data effectively, your applications will come alive for your users, giving them the functionality they need. The last section of the book handles core concepts such as sending emails, alerting users via notifications, and implementing SOLID design principles. You will see how to decouple your application classes by using events and listeners. What You Will Learn Protect your app with authentication and authorization Build a complex relationship between entities using Eloquent models Take advantage of containers and facades Use the mail template Create and configure events Work with Laravel Passport Deploy API authentication Discover new Laravel 5.8 features such as dump server and email verification Who This Book Is For Those new to Laravel and PHP web development or those who have some background in PHP/Laravel who are new to Laravel's newest release.

If you are an experienced or a capable PHP programmer who has a basic understanding of the concepts of modern PHP (at least version 5.4), this book is ideal for you. Basic object-oriented programming and database knowledge is expected. You should already know your way around Laravel, or have at least experimented with the framework.

PHP is experiencing a renaissance, though it may be difficult to tell with all of the outdated PHP tutorials online. With this practical guide, you'll learn how PHP has become a full-featured, mature language with object-orientation, namespaces, and a growing collection of reusable

component libraries. Author Josh Lockhart—creator of PHP The Right Way, a popular initiative to encourage PHP best practices—reveals these new language features in action. You'll learn best practices for application architecture and planning, databases, security, testing, debugging, and deployment. If you have a basic understanding of PHP and want to bolster your skills, this is your book. Learn modern PHP features, such as namespaces, traits, generators, and closures Discover how to find, use, and create PHP components Follow best practices for application security, working with databases, errors and exceptions, and more Learn tools and techniques for deploying, tuning, testing, and profiling your PHP applications Explore Facebook's HVVM and Hack language implementations—and how they affect modern PHP Build a local development environment that closely matches your production server

In this LARAVEL tutorial, we will learn how to install LARAVEL and how to create your first app in LARAVEL for beginners. Now you can learn LARAVEL easily without the need of watching LARAVEL video series or LARAVEL video tutorials. This LARAVEL tutorial will explain all the necessary concepts in easy language for you to learn LARAVEL easily and understand it better. TABLE OF CONTENTS -LARAVEL Introduction -Features of LARAVEL -History of LARAVEL -XAMPP Installation -Composer Installation -Git Installation -Creating First LARAVEL Project -LARAVEL Application Structure -LARAVEL Basic Routing -LARAVEL Routing Parameters -Named Routes

This book is a practical, task-based, step-by-step tutorial that demonstrates topics ranging from MVC code-separation, to code-modularity, to utilizing ActiveRecord for data abstraction which are explained from the ground-up to provide a strong framework of understanding for creating professional web-applications with Laravel. This book is ideal for programmers familiar with PHP who are interested in learning the Laravel way of solving the common problems faced in their day to day work.

Unleash the power of MERN stack by building diverse web applications using React, Node.js, Express, and MongoDB Key Features Create dynamic web applications with the MERN stack Leverage the power of React in building interactive and complex user interfaces Unlock the potential of Node, Express, and MongoDB to build modern full-stack applications Book Description The benefits of using a full JavaScript stack for web development are undeniable, especially when robust and widely adopted technologies such as React, Node, and Express and are available. Combining the power of React with industry-tested, server-side technologies, such as Node, Express, and MongoDB, creates a diverse array of possibilities when developing real-world web applications. This book guides you through preparing the development environment for MERN stack-based web development, to creating a basic skeleton application and extending it to build four different web applications. These applications include a social media, an online marketplace, a media streaming, and a web-based game application with virtual reality features. While learning to set up the stack and developing a diverse range of applications with this book, you will grasp the inner workings of the MERN stack, extend its capabilities for complex features, and gain actionable knowledge of how to prepare MERN-based applications to meet the growing demands of real-world web applications. What you will learn Set up your development environment and develop a MERN application Implement user authentication and authorization using JSON Web Tokens Build a social media application by extending the basic MERN application Create an online marketplace application with shopping cart and Stripe payments Develop a media streaming application using MongoDB GridFS Implement server-side rendering with data to improve SEO Set up and use React 360 to develop user interfaces with VR capabilities Learn industry best practices to make MERN stack applications reliable and scalable Who this book is for Full-Stack React Web Development Projects is for JavaScript developers who have some experience with React, but no previous experience with full-stack development involving Node, Express, and MongoDB, and who want practical guidelines to start building different types of real-world web applications with this stack.

A recipe-based book to help you efficiently create amazing PHP-based applications with Laravel 5.x About This Book Leverage the amazing new features of Laravel 5.x to create cutting-edge responsive PHP applications. Create apps with interoperability features and extend these features to your existing applications as well. Over 60 recipes that combine tried and tested Laravel tips for getting your app working. Who This Book Is For The ideal target audience for this book is PHP developers who have some basic PHP programming knowledge. No previous experience with Laravel is required for this book. What You Will Learn Optimize Your Gulp and Elixir Workflow Use Travis to run tests with every push Build and test your view-based route in PHPUnit Explore workflows for migrations and seeding Implement Angular in your Laravel applications Set up a user authentication system Integrate the new Billing library and Stripe in your Laravel application Use the Artisan command-line tool Test your App in Production with Behat In Detail Laravel is a prominent member of a new generation of web frameworks. It is one of the most popular PHP frameworks and is also free and an open source. Laravel 5 is a substantial upgrade with a lot of new toys, at the same time retaining the features that made Laravel wildly successful. It comes with plenty of architectural as well as design-based changes. The book is a blend of numerous recipes that will give you all the necessary tips you need to build an application. It starts with basic installation and configuration tasks and will get you up-and-running in no time. You will learn to create and customize your PHP app and tweak and re-design your existing apps for better performance. You will learn to implement practical recipes to utilize Laravel's modular structure, the latest method injection, route caching, and interfacing techniques to create responsive modern-day PHP apps that stand on their own against other apps. Efficient testing and deploying techniques will make you more confident with your Laravel skills as you move ahead with this book. Towards the end of the book, you will understand a number of add-ons and new features essential to finalize your application to make it ready for subscriptions. You will be empowered to get your application out to the world. Style and approach This book will have a practical recipe-based approach with dedicated recipes on your daily Laravel tasks (as well as on more advanced issues) that will help you become a pro with Laravel 5.x

Ebook ini membahas step by step pembuatan PPDB (Pendaftaran Peserta Didik Baru) online menggunakan Laravel 8, Livewire dan Bootstrap 5. Livewire merupakan fitur Laravel yang memiliki fungsi sama halnya dengan framework JavaScript seperti React atau Vue.js, tetapi ditulis dengan skrip PHP. Livewire memiliki fitur seperti component, event, action, state, props, data binding, lifecycle hook dan sebagainya layaknya framework JavaScript. Bedanya, semua ditulis menggunakan skrip PHP. Beberapa fitur dalam aplikasi ini meliputi: - Slideshow gambar untuk menampilkan foto-foto terbaik tentang sekolah yang dapat menarik perhatian calon peserta didik. - Login pendaftar untuk melindungi data pendaftar sehingga tidak dapat dilihat oleh orang lain. - Informasi yang dinamis sehingga dapat ditambah atau disesuaikan dengan kebutuhan sekolah terkait informasi yang ingin disampaikan ke calon pendaftar. - Widget dinamis yang dapat diatur posisi dan urutannya serta dapat ditambahkan widget dari pihak ketiga seperti video youtube, peta lokasi dari google map dan sebagainya. - Formulir dibagi menjadi 4 tahap sehingga data tidak harus dilengkapi saat itu juga. - Cetak formulir dalam format PDF dan dapat dilakukan kapan saja. - Export data pendaftar ke excel. - Tema mudah dikostumisasi hanya dengan mengubah variabel warna. - Tabel pada halaman admin dapat diedit secara inline editing. - Tabel data mengandung fitur sorting, show per page, searching dan pagination yang dibuat sendiri sehingga mudah dikostumisasi sesuai dengan kebutuhan. Demo aplikasi dapat dilihat di:

[https://www.youtube.com/watch?v=4\\_rYhaF\\_\\_5E&t=636s](https://www.youtube.com/watch?v=4_rYhaF__5E&t=636s)

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



Laravel is a clean and classy framework for PHP web development. Laravel's directory structure is designed to be familiar to users of other popular PHP frameworks. Web applications of any shape or size can easily be created using this structure similar to the way that they would be created in other frameworks. This book looks at the Laravel PHP framework and breaks down the ingrained prejudice that coding with PHP causes due to spaghetti code. It will take you through a number of clear, practical applications that will help you to take advantage of the Laravel PHP framework and PHP OOP programming whilst avoiding spaghetti code. You'll also learn about creating secure web applications using different methods such as file uploading and processing, making RESTful AJAX requests, and form processing. If you want to take advantage of the Laravel PHP framework's validate, file processing, and RESTful controllers in various types of projects, then this is the book for you. -- Publisher's description

What sets Laravel apart from other PHP web frameworks? Speed and simplicity, for starters. This rapid application development framework and its vast ecosystem of tools let you quickly build new sites and applications with clean, readable code. With this practical guide, Matt Stauffer—a leading teacher and developer in the Laravel community—provides the definitive introduction to one of today's most popular web frameworks. The book's high-level overview and concrete examples will help experienced PHP web developers get started with Laravel right away. By the time you reach the last page, you should feel comfortable writing an entire application in Laravel from scratch. Dive into several features of this framework, including: Blade, Laravel's powerful, custom templating tool Tools for gathering, validating, normalizing, and filtering user-provided data Laravel's Eloquent ORM for working with the application's databases The Illuminate request object, and its role in the application lifecycle PHPUnit, Mockery, and PHPSpec for testing your PHP code Laravel's tools for writing JSON and RESTful APIs Interfaces for file system access, sessions, cookies, caches, and search Tools for implementing queues, jobs, events, and WebSocket event publishing Laravel's specialty packages: Scout, Passport, Cashier, Echo, Elixir, Valet, and Socialite

This book is perfect for developers with some basic knowledge of PHP development, but are new to the Eloquent ORM. However, developers with previous Laravel and Eloquent experience will also benefit from the in-depth analysis of specific classes and methodologies in the book.

Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. A short and precise guide to get you started with EaselJS, helping you to create some cool applications and games. EaselJS greatly simplifies application development in HTML5 Canvas using a syntax and an architecture very similar to the ActionScript 3.0 language. As a result, Flash / Flex developers will immediately feel at home but it's very easy to learn even if you've never opened Flash in your life. The book targets Web designers,

animators, Digital content producers, and Flash and Flex developers.

Leverage the power of Laravel 5.1 to create a simple, clean and beautiful blogging application and the administration area required to maintain the blog. This book goes through the process of designing, creating, and coding a real-world application using Laravel. You'll learn about: \* Installing Laravel 5.1 \* Using Homestead \* Using Elixir \* Database Migrations and Seeding \* Form Requests \* Views (Blade templates) \* Authentication \* And much, much more!

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.

**Build modern, fast, and progressive web applications using modern features of PHP 7 and TypeScript**

**Key Features**

- Explore the latest features of Angular and Laravel to build applications that are powerful, consistent, and maintainable
- Develop modern user interfaces with a reusable component-based architecture using Angular 6 and Bootstrap 4
- Learn how to build secure backend APIs with Laravel

**Book Description**

Angular, considered as one of the most popular and

powerful frontend frameworks, has undergone a major overhaul to embrace emerging web technologies so that developers can build cutting-edge web applications. This book gives you practical knowledge of building modern full-stack web apps from scratch using Angular with a Laravel Restful back end. The book begins with a thorough introduction to Laravel and Angular and its core concepts like custom errors messages, components, routers, and Angular-cli, with each concept being explained first, and then put into practice in the case-study project. With the basics covered, you will learn how sophisticated UI features can be added using NgBootstrap and a component-based architecture. You will learn to extend and customize variables from Bootstrap CSS framework. You will learn how to create secure web application with Angular and Laravel using token based authentication. Finally, you will learn all about progressive web applications and build and deploy a complete fullstack application using Docker and Docker-compose. By the end of this book, you'll gain a solid understanding of Angular 6 and how it interacts with a Laravel 5.x backend

What you will learn

- Explore the core features of Angular 6 to create sophisticated user interfaces
- Use Laravel 5 to its full extent to create a versatile backend layer based on RESTful APIs
- Configure a web application in order to accept user-defined data and persist it into the database using server-side APIs
- Build an off-line-first application using service-worker and manifest file
- Deal with token based authentication on single page application (SPA). Secure your application against threats and vulnerabilities in a time efficient way
- Deploy using Docker and Docker-compose

Who this book is for

This book targets developers who are new to Angular, 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. Familiarity of PHP is assumed to get the most from this book.

Build a fully-fledged, feature-rich application from scratch using Laravel. You'll learn by doing, not simply studying. At the end of each step, not only will you have learned a new skill, trick or technique – but you'll have built another feature of your first hand-crafted Laravel application. You'll go beyond the Laravel framework itself as we take a look at some of the skills any professional developer needs, to take your career – or indeed hobby – to the next level. Simple to grasp yet incredibly powerful, Laravel is attracting enormous attention from beginners and experienced developers alike for its expressiveness and versatility. This book will show you what's got people so excited. Packed with tips, tricks and tools of the trade, Practical Laravel 5 gives you everything you need to develop sophisticated web applications using this exciting new framework.

- Gives you a thorough understanding of Laravel, the web framework taking the industry by storm
- Provides you with everything you need to know to build your own fully-fledged, feature-rich Laravel application from scratch
- Teaches you the tools, techniques and tricks-of-the-trade to take your web development career to the next level

Learn PHP development best practices, such as version control, development environment virtualization, and coding

standards. You'll also discover the most useful PHP web frameworks, including the new Laravel, symfony2, and micro-frameworks. As you do so, you'll learn how to use them to write the most productive PHP code possible. PHP Development Tool Essentials complements Jason Gilmore's best-selling Beginning PHP and MySQL. This book will further expose you to the many different methodologies, tools, and concepts that professional web developers are using more and more each day. What You'll Learn Use version control with PHP Set up virtualized development environments Maintain PHP coding standards Manage dependencies Leverage the best PHP frameworks Who This Book Is For Intermediate to advanced PHP developers looking to advance their skills with new tools, concepts, and approaches. CodeIgniter is a MVC (Model View Controller) framework for developing PHP applications quickly. It provides out of the box libraries for connecting to the database and performing various operations. Here is what is covered in the book – Chapter 1: What is CodeIgniter? How does it Work? 1. What is CodeIgniter? 2. CodeIgniter Features 3. How CodeIgniter Works? 4. CodeIgniter Release History Chapter 2: How to Download & Install CodeIgniter + Composer [Configuration Included] 1. Download and Install Latest CodeIgniter Framework 2. What is Composer? 3. How to install Composer 4. CodeIgniter Config Files 5. CodeIgniter Configurations 6. How to remove index.php in CodeIgniter Chapter 3: CodeIgniter Application's FOLDER & FILE Structure 1. Application subdirectories 2. System subdirectories 3. User\_guide directory 4. Vendor directory Chapter 4: CodeIgniter MVC(Model View Controller) Framework with Example 1. What is MVC? 2. How MVC frameworks work? 3. CodeIgniter Controller 4. CodeIgniter Model Chapter 5: CodeIgniter Controllers, Views Routing: Learn with Example App 1. How to create a new CodeIgniter project 2. CodeIgniter Routing 3. Create a Route 4. Create a Controller 5. Create a View Chapter 6: CodeIgniter Routes: Learn with Example 1. What are Routes? 2. Routes Example 3. Creating URL's for the Application 4. Views Chapter 7: CodeIgniter Form & Form Validation with Example 1. CodeIgniter Form Helper 2. Example Create Form 3. CodeIgniter Form Validation 4. Adding Form Validation Rules 5. Displaying Form Validation Error Messages 6. Populating Submitted Form Data: Sticky Forms 7. Example Form Validation Chapter 8: Codeigniter Active Record: Insert, Select, Update, Delete 1. How to use Active Record: Example 2. CodeIgniter Database Configuration 3. CodeIgniter Insert Active Record 4. CodeIgniter Select Active Record 5. CodeIgniter Update Active Record 6. CodeIgniter Delete Active Record Chapter 9: CodeIgniter Database Tutorial: Create, Update, Delete 1. CodeIgniter Working with Database 2. Database Configuration 3. CodeIgniter Database Models 4. Contacts Manager Views Chapter 10: Pagination in Codeigniter with Step by Step Example 1. Database configuration 2. CodeIgniter Pagination Database Model 3. CodeIgniter Pagination Routes 4. CodeIgniter Pagination Controller Chapter 11: How to Set Session in Codeigniter With Example 1. CodeIgniter Session Management 2. When to use sessions? 3. Sending Flash Messages to other pages with CI Sessions 4. Storing User Data in CI Sessions 5.

CodeIgniter Session Views Chapter 12: How to Upload Image & File in CodeIgniter (with Example) 1. CodeIgniter File Upload 2. Uploading Images in CodeIgniter 3. Testing the application Chapter 13: How to Send Email using CodeIgniter 1. CodeIgniter Email Configuration 2. CodeIgniter Email View 3. CodeIgniter Email Controller 4. Email Routes Chapter 14: Laravel vs CodeIgniter: Which is Better? 1. What is Laravel? 2. What is CodeIgniter? 3. Why use Laravel? 4. Why use CodeIgniter? 5. Features of Laravel 6. Features of CodeIgniter 7. Laravel vs. CodeIgniter: Know the Difference 8. Laravel vs. CodeIgniter which is better? Click the BUY button now and download the book now to start learning UML. Learn it fast and learn it well. Pick up your copy today by clicking the BUY NOW button at the top of this page!

Advance your modern web application development skills with Yii Framework 2 About This Book Learn to work with the key aspects of Yii Framework 2 Explore how to create RESTful APIs with Yii Incorporate codeception with Yii2 to test your code thoroughly Who This Book Is For This book is for Yii Framework developers who want to quickly master Yii2. This book assumes some familiarity with Yii2, PHP 5, and HTML5. What You Will Learn Explore Yii2's conventions and learn how to properly configure Yii2 Create both web and console applications Reduce development time by learning to create classes automatically with Gii, Yii2's automatic code generation tool Use Yii2's database migration tool Manage and access databases with Active Record, DAO, and Query Builder Handle user authentication and authorization within Yii2 Create RESTful APIs with Yii Framework 2 Test applications automatically with codeception In Detail The successor of Yii Framework 1.1, Yii2 is a complete rewrite of Yii Framework, one of the most popular PHP 5 frameworks for making modern web applications. The update embraces the best practices and protocols established with newer versions of PHP, while still maintaining the simple, fast, and extendable behavior found in its predecessor. This book has been written to enhance your skills and knowledge with Yii Framework 2. Starting with configuration and how to initialize new projects, you'll learn how to configure, manage, and use every aspect of Yii2 from Gii, DAO, Query Builder, Active Record, and migrations, to asset manager. You'll also discover how to automatically test your code using codeception. With this book by your side, you'll have all the skills you need to quickly create rich modern web and console applications with Yii2. Style and approach This book is a step-by-step guide to mastering every aspect of Yii Framework 2. Each chapter outlines a new set of tools along with code that can be used to efficiently create modern web and console applications

Learn about dependency injection, interfaces, service providers, SOLID design, and more with practical and real-world code examples. This book covers everything you need to get started in application development with Laravel 5.3. Beginning Laravel covers features such as method injection, contracts, and authentication. After reading this book, you can develop any application using Laravel 5. It details all you need to know, including the model-view-controller pattern,

SQLite databases, routing, authorization, and building CRUD applications. What You Will Learn Work with the new Laravel framework and its new features Develop web applications with Laravel Absorb the concepts of authentication and database migration Manage databases with Eloquent ORM Use middleware, contracts, and facades Who This Book Is For readers who are new to Laravel development.

What sets Laravel apart from other PHP web frameworks? Speed and simplicity, for starters. This rapid application development framework and its ecosystem of tools let you quickly build new sites and applications with clean, readable code. Fully updated to cover Laravel 5.8, the second edition of this practical guide provides the definitive introduction to one of today's most popular web frameworks. Matt Stauffer, a leading teacher and developer in the Laravel community, delivers a high-level overview and concrete examples to help experienced PHP web developers get started with this framework right away. This updated edition also covers Laravel Dusk and Horizon and provides information about community resources and other noncore Laravel packages. Dive into features, including: Blade, Laravel's powerful custom templating tool Tools for gathering, validating, normalizing, and filtering user-provided data The Eloquent ORM for working with application databases The role of the Illuminate request object in the application lifecycle PHPUnit, Mockery, and Dusk for testing your PHP code Tools for writing JSON and RESTful APIs Interfaces for filesystem access, sessions, cookies, caches, and search Tools for implementing queues, jobs, events, and WebSocket event publishing Learn each of the original gang of four design patterns, and how they are relevant to modern PHP and Laravel development. Written by a working developer who uses these patterns every day, you will easily be able to implement each pattern into your workflow and improve your development. Each pattern is covered with full examples of how it can be used. Too often design patterns are explained using tricky concepts, when in fact they are easy to use and can enrich your everyday development. Design Patterns in PHP and Laravel aims to break down tricky concepts into humorous and easy-to-recall details, so that you can begin using design patterns easily in your everyday work with PHP and Laravel. This book teaches you design patterns in PHP and Laravel using real-world examples and plenty of humor. What You Will Learn Use the original gang of four design patterns in your PHP and Laravel development How each pattern should be used Solve problems when using the patterns Remember each pattern using mnemonics Who This Book Is For People using Laravel and PHP to do their job and want to improve their understanding of design patterns. 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. Vuebnb 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.

Develop cutting-edge websites and applications using the new features of Laravel 5.8. This book starts with an introduction to Laravel and takes a glance at its newly introduced features. Moving on to setting up your development environment, you will learn how the composer works. In addition to this, you will be introduced to Valet, Homestead, Virtual Box, Vagrant, and Forge in Laravel. With this foundation, you will be ready to get started writing your first Laravel apps. To do so, you will learn to manage routes and controllers and how the Blade template works. Moving on to models, you will work with route model binding and get to know the relationship between models, databases, and Eloquent. Along the way you will define methods on your Eloquent model classes using different types of relationships. Shifting focus to handling user data, you will see how redirect methods work. You will also get to know the inner workings of requests and responses. Continuing the data theme, Beginning Laravel covers basic and grouped artisan commands and how to handle databases with Tinker. By being able to handle data effectively, your applications will come alive for your users, giving them the functionality they need. The last section of the book handles core concepts such as sending emails, alerting users via notifications, and implementing SOLID design principles. You will see how to decouple your application classes by using events and listeners. You will: Protect your app with authentication and authorization Build a complex relationship between entities using Eloquent models Take advantage of containers and facades Use the mail template Create and configure events Work with Laravel Passport Deploy API authentication Discover new Laravel 5.8 features such as dump server

and email verification.

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.

This book is intended for PHP web developers who have an interest in Laravel and who know the basics of the framework in theory, but don't really know how to use it in practice. No experience of using frameworks is required, but it is assumed you are at least familiar with building dynamic websites in PHP already.

\* This best-selling title has comprehensive discussions about PHP 5, MySQL 5, and how these two popular open source technologies work together to create powerful websites. \* Updated to reflect the new features found in MySQL's most significant release to date. Readers are introduced to advanced database features like triggers, stored procedures, and views. They learn how to integrate these new capabilities into their PHP-driven web applications. The book also discusses PHP's new MySQL extension, mysqli, which is required for MySQL versions 4.1 and higher. \* Packed with hundreds of practical examples covering all aspects of web development, including forms management, templating, database integration, Web services, security, and session handling.

This book follows a practical and easy-to-follow approach and is packed with real-world examples to understand all the fundamentals and concepts in a very concise way. This book is ideal for web developers who want to get up to speed with Laravel quickly. You

are expected to have some experience with the PHP programming language – or any Clike languages such as JavaScript, Perl, or Java – along with some understanding of basic OOP concepts. Any experience with MVC frameworks such as ASP.NET MVC or Ruby on Rails will certainly be beneficial but not required. Lastly, some familiarity with command line interfaces will also help but is not essential either.

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