Laravel Crud Admin Panel Generator Laravel

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.

What would happen if you optimized a data store for the operations application developers actually use? You'd arrive at MongoDB, the reliable document-oriented database. With this concise guide, you'll learn how to build elegant database applications with MongoDB and PHP. Written by the Chief Solutions Architect at 10gen—the company that develops and supports this open source database—this book takes you through MongoDB basics such as queries, read-write operations, and administration, and then dives into MapReduce, sharding, and other advanced topics. Get out of the relational database rut, and take advantage of a high-performing system optimized for operations and scale. Learn step-by-step the tools you need to build PHP applications with MongoDB Perform Create, Read, Update, and Delete (CRUD) operations, and learn how to perform queries to retrieve data Administer your database, and access and manipulate data with the MongoDB Shell Use functions to work with sets, arrays, and multiple documents to perform synchronous, asynchronous, and atomic operations Discover PHP's community tools and libraries, and why they're valuable Work with regular expressions, aggregation, MapReduce, replication, and sharding

Apply decoupling patterns, properly test a decoupled project, and integrate a Django API with React, and Vue.js. This book covers decoupled architectures in Django, with Django REST framework and GraphQL. With practical and simple examples, you'll see firsthand how, why, and when to decouple a Django project. Starting with an introduction to decoupled architectures versus monoliths, with a strong focus on the modern JavaScript scene, you'll implement REST and GraphQL APIs with Django, add authentication to a decoupled project, and test the backend. You'll then review functional testing for JavaScript frontends with Cypress. You will also learn how to integrate GraphQL in a Django project, with a focus on the benefits and drawbacks of this new query language. By the end of this book, you will be able to discern and apply all the different decoupling strategies to any Django project, regardless of its size. What You'll Learn Choose the right approach for decoupling a Django project Build REST APIs with Django and a Django REST framework Integrate Vue.js and GraphQL in a Django project Consume a Django REST API with Next.js Test decoupled Django projects Who This Book Is For Software developers with basic Django skills keen to learn decoupled architectures with Django. JavaScript developers interested in learning full-stack development and decoupled architectures with Django.

The book consists of high-quality papers presented at the International Conference on Computational Science and Applications (ICCSA 2019), held at Maharashtra Institute of Technology World Peace University, Pune, India, from 7 to 9 August 2019. It covers the latest innovations and developments in information and communication technology, discussing topics such as soft computing and intelligent systems, web of sensor networks, drone operating systems, web of sensor networks, wearable smart sensors, automated guided vehicles and many more.

A guide on how to be a Programmer - originally published by Robert L Read https://braydie.gitbooks.io/how-to-be-a-programmer/content/

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

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.

Why is GraphQL the most innovative technology for fetching data since Ajax? By providing a query language for your APIs and a runtime for fulfilling queries with your data, GraphQL presents a clear alternative to REST and ad hoc web service architectures. With this practical guide, Alex Banks and Eve Porcello deliver a clear learning path for frontend web developers, backend engineers, and project and product managers looking to get started with GraphQL. You'll explore graph theory, the graph data structure, and GraphQL types before learning hands-on how to build a schema for a photo-sharing application. This book also introduces you to Apollo Client, a popular framework you can use to connect GraphQL to your user interface. Explore graph theory and review popular graph examples in use today Learn how GraphQL applies database querying methods to the internet Create a schema for a PhotoShare application that serves as a roadmap and a contract between the frontend and backend teams Use JavaScript to build a fully functioning GraphQL service and Apollo to implement a client Learn how to prepare GraphQL APIs and clients for production

Real examples written in PHP showcasing DDD Architectural Styles, Tactical Design, and Bounded Context Integration About This Book Focuses on practical code rather than theory Full of real-world examples that you can apply to your own projects Shows how to build PHP apps using DDD principles Who This Book Is For This book is for PHP developers who want to apply a DDD mindset to their code. You should have a good understanding of PHP and some knowledge of DDD. This book doesn't dwell on the theory, but instead gives you the code that you need. What You Will Learn Correctly design all design elements of Domain-Driven Design with PHP Learn all tactical patterns to achieve a fully worked-out Domain-Driven Design Apply hexagonal architecture within your application Integrate bounded contexts in your applications Use REST and Messaging approaches In Detail Domain-Driven Design (DDD) has arrived in the PHP community, but for all the talk, there is very little real code. Without being in a training session and with no PHP real examples, learning DDD can be challenging. This book changes all that. It details how to implement tactical DDD patterns and gives full examples of topics such as integrating Bounded Contexts with REST, and DDD messaging strategies. In this book, the authors show you, with tons of details and examples, how to properly design Entities, Value Objects, Services, Domain Events, Aggregates, Factories, Repositories, Services, and Application Services with PHP. They show how to apply Hexagonal Architecture within your application whether you use an open source framework or your own. Style and approach This highly practical book shows developers how to apply domain-driven design principles to PHP. It is full of solid code examples to work through.

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.

Manage and understand the full capabilities of successful REST development. REST API development is a hot topic in the programming world, but not many resources exist for developers to really understand how you can leverage the advantages. This completely updated second edition provides a brief background on REST and the tools it provides (well known and not so well known), then explains how there is more to REST than just JSON and URLs. You will learn about the maintained modules currently available in the npm community, including Express, Restify, Vatican, and Swagger. Finally you will code an example API from start to finish, using a subset of the tools covered. The Node community is currently flooded with modules; some of them are published once and never updated again - cluttering the entire universe of packages. Pro REST API Development with Node.js shines light into that black hole of modules for the developers trying to create an API. Understand REST API development with Node.js using this book today. What You'll Learn Understand how REST and API development mix up with Node.js Create a scalable, technology agnostic, and uniform interface Prepare your services to be consumed by your clients Test and deploy your API Review troubleshooting techniques Who This Book Is For Any Node.js developer who wants to fully understand REST API development. Beginner and Intermediate Node.js developers who are looking to fully understand how to create RESTful microservices.

Create, build and deploy universal JavaScript applications using Next.js Key Features Work with the entire tool-chain for developing universal Javascript applications with Next.js A straightforward guide to implementing server-side rendering Use Next.js to build SEO-friendly and super fast websites Book Description Next.js is a powerful addition to the ever-growing and dynamic JavaScript world. Built on top of React, Webpack, and Babel, it is a minimalistic framework for server-rendered universal JavaScript applications. This book will show you the best practices for building sites using Next. js, enabling you to build SEO-friendly and superfast websites. This book will guide you from building a simple single page app to a scalable and reliable client-server infrastructure. You will explore code sharing between client and server, universal modules, and server-side rendering. The book will take you through the core Next.js concepts that everyone is talking about – hot reloading, code splitting, routing, server rendering, transpilation, CSS isolation, and more. You will learn ways of implementing them in order to create your own universal JavaScript application. You will walk through the building and deployment stages of your applications with the JSON API,customizing the confguration, error handling,data fetching, deploying to production, and authentication. What you will learn Explore the benefts of server-side rendering with Next.js Create and link JavaScript modules together by understanding code splitting and bundling Create website pages and wire them together through website navigation Extend your application with additional Webpack loaders and features, as well as custom Babel plugins and presets Use GraphQL and Apollo frameworks with Next.js to fetch data and receive push notifcations Design and implement core modules, such as logging and authentication, and then more complex solutions for access control and business rule management Write tests and use online CI tools such as Travis, GitLab, and more Build a Docker-based container for your app and deploy it to online services such as Heroku and Now.sh Who this book is for This book is for JavaScript developers who want to learn how to generate server-rendered applications.

Unleash the full potential of the Flask web framework by creating simple yet powerful web applications About This Book The most up-to-date book on Flask on the market Create your own world-class applications and master the art of Flask by unravelling its enigma through this journey This step-by-step tutorial is packed with examples on blending different technologies with Flask to get you up and running Who This Book Is For Have you looked at PHP and hated the clunky bloated syntax? Or looked at .Net and wished it was more open and flexible? Maybe you've tried your hand at GUI libraries in Python and found them hard to use? If your answer to any one of these questions is a yes, then this is just the book for you. It is also intended for people who know the basics of Python and want to learn how to use it to build powerful solutions with a web front-end. What You Will Learn Build three web applications from the ground up using the powerful Python micro framework, Flask. Dynamically display data to your viewers, based on their requests Store user and static data in SQL and NoSQL databases and use this data to power your web applications Create a good user experience by combining HTML, CSS, and JavaScript Harness the convenience of freely available APIs, including OpenWeatherMap, Open Exchange Rates, and bitly Extend your applications to build advanced functionality, such as a user account control system using Flask-Login Learn about web application security and defend against common attacks, such as SQL injection and XSS In Detail This book will take you on a journey from

learning about web development using Flask to building fully functional web applications. In the first major project, we develop a dynamic Headlines application that displays the latest news headlines along with up-to-date currency and weather information. In project two, we build a Crime Map application that is backed by a MySQL database, allowing users to submit information on and the location of crimes in order to plot danger zones and other crime trends within an area. In the final project, we combine Flask with more modern technologies, such as Twitter's Bootstrap and the NoSQL database MongoDB, to create a Waiter Caller application that allows restaurant patrons to easily call a waiter to their table. This pragmatic tutorial will keep you engaged as you learn the crux of Flask by working on challenging real-world applications. Style and approach This book will provide you with rich, practical experience of Flask. Every technology, that is employed along with Flask is comprehensively introduced, while the book focusses on developing web applications. Pointers to educational material are always given if you want to gain in-depth knowledge of the various technologies used.

Take full creative control of your web applications with Flask, the Python-based microframework. With this hands-on book, you'll learn Flask from the ground up by developing a complete social blogging application step-by-step. Author Miguel Grinberg walks you through the framework's core functionality, and shows you how to extend applications with advanced web techniques such as database migration and web service communication. Rather than impose development guidelines as other frameworks do, Flask leaves the business of extensions up to you. If you have Python experience, this book shows you how to take advantage of that creative freedom. Learn Flask's basic application structure and write an example app Work with must-have components—templates, databases, web forms, and email support Use packages and modules to structure a large application that scales Implement user authentication, roles, and profiles Build a blogging feature by reusing templates, paginating item lists, and working with rich text Use a Flask-based RESTful API to expose app functionality to smartphones, tablets, and other third-party clients Learn how to run unit tests and enhance application performance Explore options for deploying your web app to a production server

Map concepts and ideas in domain-driven design (DDD) and transpose them into clean, testable, and quality code that is effective alongside the Laravel framework. This book teaches you how to implement the concepts and patterns present in DDD in the real world as a complete web application. With these tactics and concepts in place, you'll engage in a variety of example applications, built from the ground up, and taken directly from real-world domains. Begin by reviewing foundational stepping stones (with small, manageable examples to show proof of concepts as well as illustrations to conceptualize the more complex topics) of both DDD and Laravel. Specifically, such topics as entities, value objects, developing an ubiquitous language, DTOs, and knowledge discovery. Next, you will dive into some more advanced topics of DDD and use these concepts as a guide to make customizations to the default Laravel installation, giving you an understanding of why these alterations are vital to the DDD and Laravel platform. Finally, you will cover the very powerful Eloquent ORM that comes stock with Laravel and understand how it can be utilized to represent entities, handle repositories, and support domain events. Although there is a basic coverage chapter and a setup tutorial for Laravel (along with a high level intro about the components used within it), Domain-Driven Laravel is best suited to readers who have been at least exposed to the framework and have had the opportunity to tinker around with it. What You'll Learn Utilize a blazing-fast rapid development pipeline built from DDD building blocks and facilitated with Laravel Implement value objects, repositories, entities, anti-corruption layers and others using Laravel as a web framework Apply enhanced techniques for quick prototyping of complex requirements and quality results using an iterative and focused approach Create a base framework (Laravel) that can serve as a template to start off any project Gain insight on which details are important to a project's success and how to acquire the necessary knowledge Who This Book Is For Ideal for for frontend/backend web developers, devops engineers, Laravel framework lovers and PHP developers hoping to learn more about either Domain Driven Design or the possibilities with the Laravel framework. Those with a working knowledge of plain PHP can also gain value from reading this book.

"The recipes in this book give you instant results and will help you develop web applications, leveraging the CakePHP features that allow you to build robust and complex applications"--p. [1].

Assemble the complete stack required to build a modern web app using MongoDB, Express, React, and Node. This book also covers many other complementary tools: React Router, GraphQL, React-Bootstrap, Babel, and Webpack. This new edition will use the latest version of React (React 16) and the latest React Router (React Router 4), which has a significantly different approach to routing compared to React Router 2 which was used in the first edition of the book. Though the primary focus of Pro MERN Stack is to equip you with all that is required to build a full-fledged web application, a large portion of the book will be devoted to React 16. The popular MEAN (MongoDB, Express, AngularJS, Node) stack introduced Single Page Apps (SPAs) and front-end Model-View-Controller (MVC) as new and efficient paradigms. Facebook's React is a technology that competes indirectly with AngularJS. It is not a full-fledged MVC framework. It is a JavaScript library for building user interfaces (in some sense the View part). Yet, it is possible to build a web app by replacing AngularJS with React – hence the term MERN stack What You Will Learn Discover the features of React 16 to get the maximum out of this library Gain the basics of MongoDB, Express, and Node to build a web app Work with other libraries complementary to React, including React-Bootstrap, React Router, and GraphQL Use tools such as Babel and Webpack required to build JavaScript-based SPAs Tie all the components together to build a complete web app. Who This Book Is For Developers and architects who have prior experience in any web app stack other than the MERN stack will find the book useful to learn about this modern stack. Prior knowledge of JavaScript, HTML, and CSS is required.

Pro REST API Development with Node.js is your guide to managing and understanding the full capabilities of successful REST development. API design is a hot topic in the programming world, but not many resources exist for developers to really understand how you can leverage the advantages. This book will provide a brief background on REST and the tools it provides (well known and not so well known). Understand how there is more to REST than just JSON and URLs. You will then cover and compare the maintained modules currently available in the npm community, including Express, Restify, Vatican, and Swagger. Finally you will code an example API from start to finish, using a subset of the tools covered. The Node community is currently flooded with modules; some of them are published once and never updated again - cluttering the entire universe of packages. Pro REST API Development with Node.js shines light into that black hole of modules for the developers trying to create an API. Understand REST API development with Node.js using this book today.

Use the enormously popular React framework to build dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices. You will learn how React brings the power of strong architecture and responsive data to the client, providing the foundation for complex and rich user interfaces. Best-selling author Adam

Freeman explains how to get the most from React. He begins by describing the React architecture and the benefits it offers and then shows you how to use React and its associated tools and libraries 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. Each topic is presented clearly and concisely. Chapters include common problems and how to avoid them. What You'll Learn Gain a solid understanding of the React design Create rich and dynamic web app clients using React Create data stores using Redux Consume data using REST and GraphQL Test your React projects Who This Book Is For JavaScript developers who want to use React to create dynamic client-side applications

ICPS Architectures Industry Architectures, Industry Standards, RAMI 4 0, Industrial IoT ICPS Technologies Core Technologies, Interoperability, Communication ICPS Networks, Connectivity OT IT, Semantics, Control, Security, IoT IoS, Machine Learning, Autonomous Systems, Cloud Fog Computing, Big Smart Data, Security ICPS Engineering Engineering Methods and Tools, Lifecycle Management, Integration, HMI, Safety, Engineering Systems of ICPS ICPS Applications Smart Manufacturing, Robotics, Smart Cities, Energy Smart Grid, Smart Living, Smart Framing, Mobility, Water Management, Mining, Oil & Gas, Intelligent Enterprise, Smart Transportation, Internet of Underwater Things, Smart Medical Systems ICPS Management and Ecosystems Innovation Management, Innovation Ecosystems, Visions Roadmaps, Industry Digitalization, Strategies & Markets, Entrepreneurship ICPS Education and Social Aspects Digital Society, Education, Lifelong ICPS Learning, ICPS Curricula, Future of Work, Social Aspects

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.

* 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.

PHP and MySQL Web Development, Fourth Edition The definitive guide to building database-drive Web applications with PHP and MySQL and MySQL are popular open-source technologies that are ideal for quickly developing database-driven Web applications. PHP is a powerful scripting language designed to enable developers to create highly featured Web applications quickly, and MySQL is a fast, reliable database that integrates well with PHP and is suited for dynamic Internet-based applications. PHP and MySQL Web Development shows how to use these tools together to produce effective, interactive Web applications. It clearly describes the basics of the PHP language, explains how to set up and work with a MySQL database, and then shows how to use PHP to interact with the database and the server. The fourth edition of PHP and MySQL Web Development has been thoroughly updated, revised, and expanded to cover developments in PHP 5 through version 5.3, such as namespaces and closures, as well as features introduced in MySQL 5.1. This is the eBook version of the title. To gain access to the contents on the CD bundled with the printed book, please register your product at informit.com/register PHP powers the vast majority of the web today. It is by far the most ubiquitous and accessible mature web language, and welcomes thousands of new developers every day. It is this ease of access that can, admittedly, sometimes give it a bad name - good resources are few and far in between, and the competition is real, driving people to take shortcuts, skip best practices, and learn on-the-fly. With PHP 7+ came some improvements that make it harder to make mistakes, and 7.2 is making things even safer, even more structured. If you're just getting started with the language (or perhaps youve been using it a while and have learned some bad habits), you're in luck. Not only will it be ever harder to slip up and make mistakes, but content such as this - hand picked from the excellent SitePoint PHP channel - will help you get started the right way. This collection comprises: How PHP Executes - from Source Code to Render by Thomas Punt Getting to Know and Love Xdebug by Bruno Ã…Â kvorc Localization Demystified: Php-Intl for Everyone by Younes Rafie Event Sourcing in a Pinch by Christopher Pitt Disco with Design Patterns: A Fresh Look at Dependency Injection by Reza Lavaryan A Comprehensive Guide to Using Cronjobs by Reza Lavaryan Event Loops in PHP by Christopher Pitt PDO - the Right Way to Access Databases in PHP by Parham Doustdar Vagrant: The Right Way to Start with PHP by Bruno Ã…Â kvorc This book is suitable for beginner- to intermediate-level PHP developers.

JavaScript is the little scripting language that could. Once used chiefly to add interactivity to web browser windows, JavaScript is now a primary building block of powerful and robust applications. In this practical book, new and experienced JavaScript developers will learn how to use this language to create APIs as well as web, mobile, and desktop applications. Author and engineering leader Adam D. Scott covers technologies such as Node.js, GraphQL, React, React Native, and Electron. Ideal for developers who want to build full stack applications and ambitious web development beginners looking to bootstrap a startup, this book shows you how to create a single CRUD-style application that will work across several platforms. Explore GraphQL's simple process for querying data Learn about shared authentication for APIs, web apps, and native applications Build performant web applications with React and Styled Components Use React Native to write cross-platform applications for iOS and Android that compile to native code Learn how to write desktop applications with Electron

Summary SPA Design and Architecture teaches you the design and development skills you need to create SPAs. Includes an overview of MV* frameworks, unit testing, routing, layout management, data access, pub/sub, and client-side task automation. This book is full of easy-to-follow examples you can apply to the library or framework of your choice. Purchase of the print book includes a free eBook in

PDF, Kindle, and ePub formats from Manning Publications. About the Technology The next step in the development of web-based software, single-page web applications deliver the sleekness and fluidity of a native desktop application in a browser. If you're ready to make the leap from traditional web applications to SPAs, but don't know where to begin, this book will get you going. About the Book SPA Design and Architecture teaches you the design and development skills you need to create SPAs. You'll start with an introduction to the SPA model and see how it builds on the standard approach using linked pages. The author guides you through the practical issues of building an SPA, including an overview of MV* frameworks, unit testing, routing, layout management, data access, pub/sub, and client-side task automation. This book is full of easy-to-follow examples you can apply to the library or framework of your choice. What's Inside Working with modular JavaScript Understanding MV* frameworks Layout management Client-side task automation Testing SPAs About the Reader This book assumes you are a web developer and know JavaScript basics. About the Author Emmit Scott is a senior software engineer and architect with experience building large-scale, web-based applications. Table of Contents PART 1 THE BASICS What is a single-page application? The role of MV* frameworks Modular JavaScript PART 2 CORE CONCEPTS Navigating the single page View composition and layout Inter-module interaction Communicating with the server Unit testing Client-side task automation APPENDIXES Employee directory example walk-through Review of the XMLHttpRequest API Chapter 7 server-side setup and summary Installing Node.js and Gulp.js

If you are a web application developer interested in using AngularJS for a real-life project, then this book is for you. As a prerequisite, knowledge of JavaScript and HTML is expected, and a working knowledge of AngularJS is preferred.

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 mostpopular 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-provideddata 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

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

This book is written in a simple and easy-to-understand manner, with each chapter contributing as a standalone project that will give you as a reader something to reflect on as you're learning.This book is aimed at amateur PHP developers with a desire to get a firm understanding of the Lavarel 4 framework. Basic knowledge of PHP will be helpful, however in-depth knowledge is not a must.

Laravel 5.x CookbookPackt Publishing Ltd

Secure your PHP-based web applications with this compact handbook. You'll get clear, practical and actionable details on how to secure various parts of your PHP web application. You'll also find scenarios to handle and improve existing legacy issues. Is your PHP app truly secure? Let's make sure you get home on time and sleep well at night. Learn the security basics that a senior developer usually acquires over years of experience, all condensed down into one quick and easy handbook. Do you ever wonder how vulnerable you are to being hacked? Do you feel confident about storing your users' sensitive information? Imagine feeling confident in the integrity of your software when you store your users' sensitive data. No more fighting fires with lost data, no more late nights, your application is secure. Well, this short book will answer your questions and give you confidence in being able to secure your and other PHP web apps. What You'll Learn Never trust your users - escape all input HTTPS/SSL/BCA/JWH/SHA and other random letters: some of them actually matter How to handle password encryption and storage for everyone What are authentication, access control, and safe file handing and how to implement them What are safe defaults, cross site scripting and other popular hacks Who This Book Is For Experienced PHP coders, programmers, developers.

Orchestrate the designing, development, testing, and deployment of web applications with Symfony About This Book Create a robust and reliable Symfony development pipeline using Amazon's cloud platform Cut development and maintenance costs by defining crystal clear features and possible scenarios for each feature before implementation Follow detailed examples provided in each chapter to create a task management application Who This Book Is For If you are a PHP developer with some experience in Symfony and are looking to master the framework and use it to its full potential, then this book is for you. Though experience with PHP, object-oriented techniques, and Symfony basics is assumed, this book will give you a crash course on the basics and then proceed to more advanced topics. What You Will Learn Install and configure Symfony and required third-party bundles to develop a task management application Set up a continuous integration server to orchestrate automatic builds every time you add a new feature to your project Reduce maintenance costs dramatically using Behaviour Driven Development (BDD) Create a slick user interface using the Bootstrap framework Design robust business logic using Doctrine Build a comprehensive dashboard and secure your project using the Sonata project Improve performance using Redis, Memcache, and Varnish Create customized Symfony commands and add them to your console In Detail In this book, you will learn some lesser known aspects of development with Symfony, and you will see how to use Symfony as a framework to create reliable and effective applications. You might have developed some impressive PHP libraries in other projects, but what is the point when your library is tied to one particular project? With Symfony, you can turn your code into a

service and reuse it in other projects. This book starts with Symfony concepts such as bundles, routing, twig, doctrine, and more, taking you through the request/response life cycle. You will then proceed to set up development, test, and deployment environments in AWS. Then you will create reliable projects using Behat and Mink, and design business logic, cover authentication, and authorization steps in a security checking process. You will be walked through concepts such as DependencyInjection, service containers, and services, and go through steps to create customized commands for Symfony's console. Finally, the book covers performance optimization and the use of Varnish and Memcached in our project, and you are treated with the creation of database agnostic bundles and best practices. Style and approach A step-by-step guide to mastering Symfony while developing a task management application. Each chapter comes with detailed examples.

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.

This book is for professional PHP developers who wish to master the powerful Yii 2 application framework. It is assumed that you have knowledge of object-oriented programming. The previous version of the Yii framework is only briefly mentioned, but it'll be even easier to grasp Yii 2 with the knowledge of Yii 1.1.x.

Summary Express in Action is a carefully designed tutorial that teaches you how to build web applications using Node and Express. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Express.js is a web application framework for Node.js. Express organizes your server-side JavaScript into testable, maintainable modules. It provides a powerful set of features to efficiently manage routes, requests, and views along with beautiful boilerplate for your web applications. Express helps you concentrate on what your application does instead of managing time-consuming technical details. About the Book Express in Action teaches you how to build web applications using Node and Express. It starts by introducing Node's powerful traits and shows you how they map to the features of Express. You'll explore key development techniques, meet the rich ecosystem of companion tools and libraries, and get a glimpse into its inner workings. By the end of the book, you'll be able to use Express to build a Node app and know how to test it, hook it up to a database, and automate the dev process. What's Inside Simplify Node app setup with Express Testing Express applications Use Express for easy access to Node features Data storage with MongoDB Covers Express 4 and Express 5 alpha About the Reader To get the most out of this book, you'll need to know the basics of web application design and be proficient with JavaScript. About the Author Evan Hahn is an active member of the Node and Express community and contributes to many open source JavaScript projects. Table of Contents PART 1 INTRO What is Express? The basics of Node.js Foundations of Express PART 2 CORE Middleware Routing Building APIs Views and templates: Pug and EJS PART 3 EXPRESS IN CONTEXT Persisting your data with MongoDB Testing Express applications Security Deployment: assets and Heroku Best practices

This book follows a practical and easytofollow approach and is packed with realworld 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.

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

High Performance MySQL is the definitive guide to building fast, reliable systems with MySQL. Written by noted experts with years of real-world experience building very large systems, this book covers every aspect of MySQL performance in detail, and focuses on robustness, security, and data integrity. High Performance MySQL teaches you advanced techniques in depth so you can bring out MySQL's full power. Learn how to design schemas, indexes, queries and advanced MySQL features for maximum performance, and get detailed guidance for tuning your MySQL server, operating system, and hardware to their fullest potential. You'll also learn practical, safe, high-performance ways to scale your applications with replication, load balancing, high availability, and failover. This second edition is completely revised and greatly expanded, with deeper coverage in all areas. Major additions include: Emphasis throughout on both performance and reliability Thorough coverage of storage engines, including in-depth tuning and optimizations for the InnoDB storage engine Effects of new features in MySQL 5.0 and 5.1, including stored procedures, partitioned databases, triggers, and views A detailed discussion on how to build very large, highly scalable systems with MySQL New options for backups and replication Optimization of advanced querying features, such as full-text searches Four new appendices The book also includes chapters on benchmarking, profiling, backups, security, and tools and techniques to help you measure, monitor, and manage your MySQL installations.

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