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# Laravel Up And Running A Framework For Building Modern Php Apps

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Full-Stack Vue.js 2 and Laravel 5  
Building Accessible and Performant Web Apps  
Learn how to write modern, performant, and  
enterprise-ready code with the latest PHP  
features and practices  
Software Engineering at Google  
Front-End Development Projects with Vue.js  
A Framework for Building Modern PHP Apps  
Hands-On Full Stack Web Development with  
Angular 6 and Laravel 5  
Laravel  
Beyond Laravel  
PHP Cookbook  
Learning Laravel's Eloquent  
Writing PHP Microservices, REST and Web Service  
APIs  
With jQuery, CSS & HTML5  
Practical Probabilistic Programming  
Domain-Driven Laravel  
Lumen Programming Guide

Lessons Learned from Programming Over Time  
Become fluent in both frontend and backend web development with Docker, Angular and Laravel  
Design Patterns in PHP and Laravel  
A Framework for Building Modern PHP Apps  
A beginner's guide to application development with Laravel 5.3  
Laravel: Up & Running  
Vue.js: Up and Running  
JavaScript: The Definitive Guide  
Laravel Application Development Cookbook  
Laravel  
RESTful PHP Web Services  
Using a Service Mesh to Connect, Secure, Control, and Observe  
Test-Driven Development in PHP  
Code Happy  
How To Manage a Redis Database eBook  
Web Database Applications with PHP and MySQL  
Everyone and Their Dog Wants an API, So You Should Probably Learn How to Build Them  
Mastering Laravel  
Learn to build scalable web applications and dynamic user interfaces with Vue 2  
Beginning Laravel  
Web Application Security, A Beginner's Guide  
Learning PHP, MySQL & JavaScript  
Build Websites with Laravel 5.8

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For  
Building  
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## **KNOX GONZALES**

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### **Full-Stack Vue.js 2 and Laravel 5**

"O'Reilly  
Media, Inc."  
Summary  
Practical  
Probabilistic  
Programming  
introduces the  
working  
programmer  
to probabilistic  
programming.  
In it, you'll  
learn how to  
use the PP  
paradigm to  
model  
application  
domains and  
then express  
those  
probabilistic  
models in

code.  
Although PP  
can seem  
abstract, in  
this book  
you'll  
immediately  
work on  
practical  
examples, like  
using the  
Figaro  
language to  
build a spam  
filter and  
applying  
Bayesian and  
Markov  
networks, to  
diagnose  
computer  
system data  
problems and  
recover digital  
images.  
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predict your  
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Probabilistic  
programming  
uses code to  
draw  
probabilistic  
inferences  
from data. By  
applying  
specialized  
algorithms,  
your programs  
assign  
degrees of  
probability to  
conclusions.  
This means

you can forecast future events like sales trends, computer system failures, experimental outcomes, and many other critical concerns. About the Book Practical Probabilistic Programming introduces the working programmer to probabilistic programming. In this book, you'll immediately work on practical examples like building a spam filter, diagnosing computer system data

problems, and recovering digital images. You'll discover probabilistic inference, where algorithms help make extended predictions about issues like social media usage. Along the way, you'll learn to use functional-style programming for text analysis, object-oriented models to predict social phenomena like the spread of tweets, and open universe models to

gauge real-life social media usage. The book also has chapters on how probabilistic models can help in decision making and modeling of dynamic systems. What's Inside Introduction to probabilistic modeling Writing probabilistic programs in Figaro Building Bayesian networks Predicting product lifecycles Decision-making algorithms About the

Reader This book assumes no prior exposure to probabilistic programming. Knowledge of Scala is helpful. About the Author Avi Pfeffer is the principal developer of the Figaro language for probabilistic programming. Table of Contents	programming application PART 2 WRITING PROBABILISTIC PROGRAMS Probabilistic models and probabilistic programs Modeling dependencies with Bayesian and Markov networks Using Scala and Figaro collections to build up models Object-oriented probabilistic modeling Modeling dynamic systems PART 3 INFERENCE The three rules of probabilistic inference	Factored inference algorithms Sampling algorithms Solving other inference tasks Dynamic reasoning and parameter learning <b>Building Accessible and Performant Web Apps</b> Apress In today's app-driven era, when programs are asynchronous and responsiveness is so vital, reactive programming can help you write code that's more reliable, easier to scale, and
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better-performing. With this practical book, Java developers will first learn how to view problems in the reactive way, and then build programs that leverage the best features of this exciting new programming paradigm. Authors Tomasz Nurkiewicz and Ben Christensen include concrete examples that use the RxJava library to solve real-world performance

issues on Android devices as well as the server. You'll learn how RxJava leverages parallelism and concurrency to help you solve today's problems. This book also provides a preview of the upcoming 2.0 release. Write programs that react to multiple asynchronous sources of input without descending into "callback hell" Get to that aha! moment when you understand

how to solve problems in the reactive way Cope with Observables that produce data too quickly to be consumed Explore strategies to debug and to test programs written in the reactive style Efficiently exploit parallelism and concurrency in your programs Learn about the transition to RxJava version 2 *Learn how to write modern, performant, and enterprise-ready code with the latest*

*PHP features and practices*  
Packt Publishing Ltd  
Build interactive, data-driven websites with the potent combination of open source technologies and web standards, even if you have only basic HTML knowledge. In this update to this popular hands-on guide, you'll tackle dynamic web programming with the latest versions of today's core technologies: PHP, MySQL, JavaScript, CSS, HTML5,

and key jQuery libraries. Web designers will learn how to use these technologies together and pick up valuable web programming practices along the way—including how to optimize websites for mobile devices. At the end of the book, you'll put everything together to build a fully functional social networking site suitable for both desktop and mobile browsers.

Explore MySQL, from database structure to complex queries Use the MySQLi extension, PHP's improved MySQL interface Create dynamic PHP web pages that tailor themselves to the user Manage cookies and sessions and maintain a high level of security Enhance the JavaScript language with jQuery and jQuery mobile libraries Use Ajax calls for background

browser-server communication Style your web pages by acquiring CSS2 and CSS3 skills Implement HTML5 features, including geolocation, audio, video, and the canvas element Reformat your websites into mobile web apps

**Software Engineering at Google**  
"O'Reilly Media, Inc."  
Combines language tutorials with application design advice to cover the

PHP server-side scripting language and the MySQL database engine.

*Front-End Development Projects with Vue.js*  
"O'Reilly Media, Inc."  
Learn the basic architectural concepts and step through examples of consuming and creating RESTful web services in PHP.

**A Framework for Building Modern PHP Apps** O'Reilly Media  
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. *Hands-On Full Stack Web Development with Angular 6*

*and Laravel 5* Packt Publishing Ltd Presents an introduction to WebGL development and production concepts to create full 3D applications. **Laravel** McGraw Hill Professional 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 HHVM and Hack language implementations—and how they affect modern PHP. Build a local development environment that closely matches your production server. Apress. 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. *Beyond Laravel*: Up & Running A Framework for Building Modern PHP Apps API development is becoming

increasingly common for server-side developers thanks to the rise of front-end JavaScript frameworks, iPhone applications, and API-centric architectures. It might seem like grabbing stuff from a data source and shoving it out as JSON would be easy, but surviving changes in business logic, database schema updates, new features, or deprecated endpoints can be a nightmare.

After finding many of the existing resources for API development to be lacking, Phil learned a lot of things the hard way through years of trial and error. This book aims to condense that experience, taking examples and explanations further than the trivial apples and pears nonsense tutorials often provide. By passing on some best practices and general good advice you can hit the

ground running with API development, combined with some horror stories and how they were overcome/avoided/averted. This book will discuss the theory of designing and building APIs in any language or framework, with this theory applied in PHP-based examples. *PHP Cookbook* Apress 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. Learning Laravel's Eloquent "O'Reilly Media, Inc." You did it. You successfully transformed your application into a microservices architecture. But now that you're running services

across different environments —public to public, private to public, virtual machine to container—your cloud native software is beginning to encounter reliability issues. How do you stay on top of this ever-increasing complexity? With the Istio service mesh, you'll be able to manage traffic, control access, monitor, report, get telemetry data, manage quota, trace,

and more with resilience across your microservice. In this book, Lee Calcote and Zack Butcher explain why your services need a service mesh and demonstrate step-by-step how Istio fits into the life cycle of a distributed application. You'll learn about the tools and APIs for enabling and managing many of the features found in Istio. Explore the observability challenges Istio addresses Use

request routing, traffic shifting, fault injection, and other features essential to running a solid service mesh. Generate and collect telemetry information. Try different deployment patterns, including A/B, blue/green, and canary. Get examples of how to develop and deploy real-world applications with Istio support. [Writing PHP Microservices, REST and Web Service APIs](#)  
Packt Pub Limited

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  
NgBootstrao  
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. [With jQuery, CSS & HTML5](#) O'Reilly Media Learn to write test-driven microservices, REST APIs, and web service APIs

with PHP using the Lumen micro-framework, from the now popular Laravel family. This book shows you how testing APIs can help you write bullet-proof web application services and microservices. In the Lumen Programming Guide you will learn how to use Lumen—a micro-framework by Laravel—to write bullet-proof APIs. Lumen helps you write productive, maintainable APIs using

modern application design. You will learn how to write fully-tested APIs and understand essential Lumen concepts used to build a solid foundation for writing API projects. What You Will Learn Maintain your API's database structure through built-in database migrations Write tests with factory data in a test database Respond with consistent data output in JSON Deal with PHP exceptions by



using JSON responses  
Create, read, update, and delete REST resources  
Represent model associations in API responses  
Build a solid foundation for writing tests with PHPUnit and Mockery  
Validate data  
Who This Book Is For  
PHP developers with no Laravel experience.  
Only a basic understanding of HTTP and writing PHP applications is needed to get started.

**Practical Probabilistic Programmin**

g "O'Reilly Media, Inc." 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-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 Domain-Driven Laravel "O'Reilly Media, Inc." Get moving with Dart, the development platform that helps you build high-performance HTML5 apps

for the modern Web. With this guide, you'll take a hands-on tour of the Dart language, libraries, and tools—including its editor and virtual machine—for developing structured, fast, and maintainable web apps that run on both the client and the server. Written by developer advocates at Google, this updated edition covers Dart 1.0. Google designed Dart to boost performance

and help developers work more efficiently. This book shows you how to build everything from simple scripts to complex apps that work well in today's browsers. Build web apps with the object-oriented Dart language, and compile your code to JavaScript. Delve into language features, from optional types and method cascades to named constructors. Create, launch, and

debug web and command-line apps with Dart Editor. Explore Dart APIs, including `dart:core`, `dart:html`, `dart:io`, `dart:convert`, and `dart:mirrors`. Use tools such as Dartium, the Chromium-based browser that can run Dart apps natively. Walk through Dartiverse Search, a client-server app that combines useful and fun language and API features. [Lumen Programming](#)

[Guide Apress](#)  
If you're looking for a book that can help you to build amazing web applications, this is the book for you! Aimed at people who have some experience with Laravel, this cookbook has your back! There are many proven code rich recipes for working with Laravel. Each recipe includes practical advice, tips, and tricks for working with jQuery, AJAX, JSON, API, data

persistence, complex application structure, modular PHP, testing, deployment and more. Think about this book as a collection of all premium Laravel tutorials or the successor to the popular Learning Laravel 5 book. Laravel also includes tested code that you can download and reuse in your own applications. You'll save time, learn more about Laravel and other related

technologies in the process. We also have a forum for discussion and debate. You can freely ask any questions, provide your valuable feedback and help others. It's time to discover Laravel more!

**Lessons Learned from Programming Over Time**

Packt Publishing Ltd

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
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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 [Become fluent in both frontend and backend web development with Docker, Angular and Laravel](#) "O'Reilly Media, Inc." 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. [Design Patterns in PHP and Laravel](#) Apress Smart web developers will tell you that the sooner you detect your code mistakes, the quicker you can fix them, and the less the project will cost in the long run. Well, the most efficient way to detect your mistakes in PHP is with PHPUnit, an open source framework that automates unit testing by



running a battery of tests as you go. The benefits of PHPUnit are significant: a reduction in the effort required to frequently test code fewer overall defects added confidence in your code improved relations with your open source teammates The only problem with this popular testing tool was its lack of documentation-until now, that is. For

this, O'Reilly went right to the source, as Sebastian Bergmann, the author of PHPUnit Pocket Guide, also happens to be PHPUnit's creator. This little book brings together hard-to-remember information, syntax, and rules for working with PHPUnit. It also delivers the insight and sage advice that can only come from the technology's

creator. Coverage of testing under agile methodologies and Extreme Programming (XP) is also included. The latest in O'Reilly's series of handy Pocket Guides, this quick-reference book puts all the answers are right at your fingertips. It's an invaluable companion for anyone interested in testing the PHP code they write for web applications.