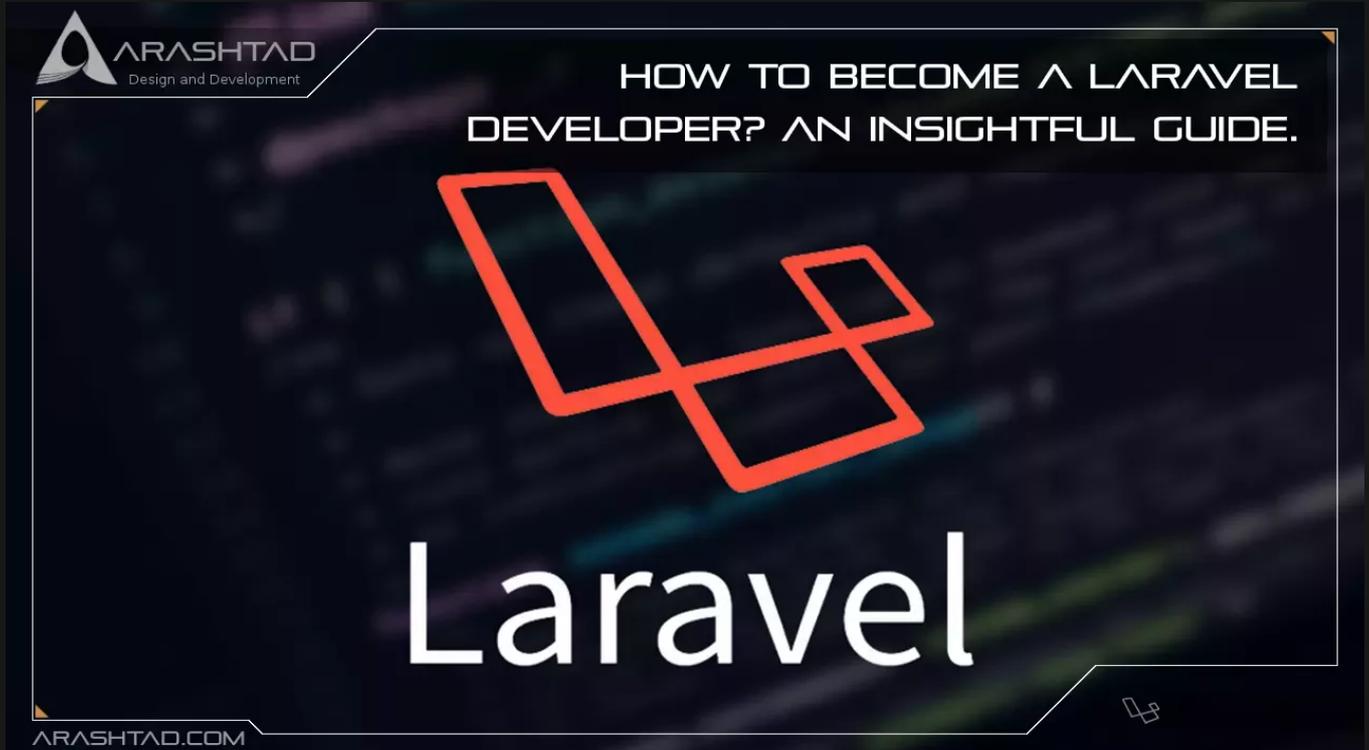


How to Become a Laravel Developer? An Insightful Guide.

No comments



In recent years, the demand for Laravel developers has increased significantly because of its ability to help developers build web applications quickly and easily. So naturally, the number of Laravel developers is expected to increase in the coming years. This guide will give you all the information you need to become an expert Laravel developer, including what Laravel development is, how it works, and a complete roadmap.

What Is Laravel and How Does It Work?

Developers use Laravel to build websites, as it is an open-source PHP (Hypertext Preprocessor) framework. PHP frameworks provide developers with preprogrammed modules to quickly create web applications. With Laravel, you can combine the basic features of PHP frameworks like CodeIgniter, Yii, Ruby on Rails, and other programming languages like PHP. Laravel offers a rich set of features that will make web development faster. There are two basic facts that you

need to know to understand how Laravel works. First, PHP is a scripting language, not a programming language (referred to as "language").

A scripting language is platform-specific and compiles at runtime, while a programming language isn't platform-specific and compiles at compile time. Using frameworks like Laravel is faster for many developers despite their unique work habits. Secondly, Laravel is based on MVC (Model View Controller) architecture, a three-component architectural pattern.

These include:

Model: An individual project's central component for defining data and rules.

View: An expression of the model's logic and data.

Controller: Responsible for handling functions, converting them to usable formats, and passing data to the view and model.

Laravel Developer Responsibilities

Laravel developers perform a variety of job functions requiring different skills. Those responsibilities include:

1- Developing Web Applications with Laravel

As a Laravel developer, you will build various static, single-page (SPA), multi-page (MPA), dynamic, and portal applications.

2- Using Laravel to Maintain Current Web Applications

In addition to creating new applications, Laravel developers maintain old ones too. Since web applications require frequent maintenance, Laravel developers are constantly creating security updates, fixing bugs, and updating the application's features to meet users' needs.

3- Fixing and Debugging Code

Laravel developers are expected to find problems, diagnose the underlying issue, and develop solutions to fix these problems. They frequently fix issues reported by users, other developers, and management.

4- Testing the User Interface

A developer using Laravel performs user-interface testing when creating new applications or redesigning old ones. Your duties will include manual testing as well as using UI testing tools like Parasoft Selenic, Katalon, Mabl, and TestCraft.

5- Producing Documentation

The documentation produced by Laravel developers helps users install, use, and navigate the applications. Other developers also use the documentation to work with the applications.

6- Creating a Map of Each Web Application's Architecture

Before and during development, Laravel developers map out the architectural layout of their applications.

7- Writing Code

Developers use Laravel's pre-designed modules to build web applications and add code to these modules. Naturally, this means that you'll spend some time testing, scripting, and executing code.

8- Database Design

The Laravel developer must design, build, and maintain their applications' databases. Although you do not need to be an expert in databases, you will occasionally need to work with SQL.

Laravel Developer Skills

Although the demands of each Laravel job differ, all Laravel developers need to master these essential skills:

1- Web Development Skills

A Laravel developer must know and understand how to create a web application. While you may code exclusively in Laravel, you should also know and have experience with the following:

1. CSS (Cascading Style Sheets): Laravel developers use CSS to control the display of HTML elements in their web applications - good design relies on CSS.
2. Javascript: To create a good user experience, Laravel developers use Javascript to control how their web applications

respond to user interactions.

3. HTML (Hypertext Markup Language): Laravel developers use HTML to show content and distinguish between the different parts of their website (such as headings, body text, subheadings, etc.) - you'll need HTML to create a website.

2- Database Management Skills

It is necessary for Laravel developers to know how to build and manage databases, as well as how to use databases like MySQL, Microsoft SQL, and Oracle 12c.

3- Project Management Framework Skills

Developers with Laravel need to understand the website development process in depth. That includes understanding how to run both an Agile and a Waterfall development project. Understanding the project management process will help you manage your workload and work toward goals with your team, even if you don't work as a project manager.

4- PHP Experience

To become a good Laravel framework developer, you will need to understand PHP. ideally, you should also be able to work with different PHP versions since many projects rely on older versions of PHP.

5- Website Design Skills

Their day-to-day activities consist of creating websites and web applications using Laravel. To design a good website, you must understand the following principles:

1. How to make your website's essential parts stand out through a visual hierarchy

2. Understanding and using the Golden Ratio and Fibonacci sequence in web design to keep your website visually appealing

3. Tips for making your website easier to navigate

4. Utilizing white space efficiently

6- Web Security Knowledge

Larvel developers need to know how to protect their web applications against cyberattacks. This means you will need to know how to resist attacks such as DoS (Denial of Service), SQL Injection, cross-site scripting, malware, and man-in-the-middle attacks. You can be an expert in cybersecurity to design your web app to minimize the risk of these attacks.

7- MVC Architecture Knowledge

Developing web applications with Laravel requires an understanding of MVC architecture as it is based on it.

How to Become a Laravel Developer



There are multiple development teams in [Arashtad](#) that can help you see your ideas shaped in reality. Don't hesitate to get in touch with us and ask your questions about our team or your project if needed. We always will be happy to help you with the best suggestions that we can provide and the best work that you can ever imagine. Here are some tips for becoming a Laravel expert.

1- Learn PHP

You'll need to understand how PHP works to build web applications. We recommend learning PHP through a PHP tutorial. Tutorials will tell you everything you need to know about PHP. To master PHP's basic syntax, you'll need to read the

official documentation written by PHP's creators after completing a PHP tutorial.

2- Become an Expert in Laravel with Online Tutorials

The next step is to learn more about Laravel through online tutorials. Laravel is a popular framework, so you'll find many websites, videos, and podcasts online. You should also read the official Laravel documentation guide during this learning phase.

3- Take Advantage of the Laravel Community to Learn from Your Peers

The Laravel community is a great place to build your skills and knowledge once you have started learning PHP and Laravel. Reading posts from other Laravel community members will help you improve your knowledge. Learning how other developers approach problems will help you develop your problem-solving skills. The Laravel community is also great for learning how to think like a developer.

4- Building Web Applications Is a Great Way to Practice Your Skills

It would be best if you also started a portfolio to demonstrate your Laravel skills to potential employers. Portfolios are fantastic investments of your time since they enable you to demonstrate your development skills. A developer's portfolio should include the following:

1. An "about me" section.
2. A list of skills.
3. Up to three examples of their best work.

It's a good idea to include a description of each project, some screenshots of the development process, and a live link to the project. This will let your future employer know how you worked on your projects.

5- Create Your Resume and Apply for Laravel Developer Jobs

Having developed your Laravel skills and built a portfolio, you're ready to find work as a Laravel developer. At this point, you'll need to update your resume to reflect your new skills. We discussed the following skills in the 'what skills are needed to be a Laravel developer' section:

Web development

Website design

PHP experience

Database management

Laravel application development knowledge

Project Management

Web security knowledge

MVC architecture knowledge

You should also add any soft skills you have to your resume. Communication, good time management, teamwork, and problem-solving are some soft skills that make Laravel developers stand out. After building an impressive resume, it's time to apply for positions.

6- Focus on Continuously Improving Your Laravel Skills

As a dedicated Laravel developer, remember to develop your skills constantly. To keep your skills growing, always ask for feedback from your peers, take on new and challenging projects, and stay updated on new versions of Laravel.

Laravel Developer Salary

The average Laravel developer in the United States makes \$78,584 per year. As Laravel developers wear many hats at work, it is a very lucrative job. According to Salary.com, the average Laravel developer makes \$78,584 per year. Employers may offer you a different salary since that figure is only an average. The typical salary range for a full-time Laravel developer is between \$71,230 and \$87,189. Developer salaries vary based on their education, years of experience, their employer's size (and profitability), whether they receive bonuses, management responsibilities, overtime, and location.

Summary

Those who enjoy building web applications and want to use a robust framework should consider a career in Laravel development. With a background in PHP or experience as a developer, you can transition into a Laravel role by learning Laravel and adding a new portfolio to your resume. The best way to build your Laravel skills is through tutorials and test projects if you are new to development. An experienced Laravel developer must develop their PHP, database management, teamwork, and development skills.

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