



HP TRAINING

Laravel Php Framework Training Certification Course

Master Laravel PHP framework to build robust web applications. Achieve certification to develop secure, high-performance solutions.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock your potential as a modern web developer with Computer Pride's Laravel PHP Framework Training Certification Course. This intermediate-level program is meticulously designed to equip you with the skills to build robust, scalable, and maintainable web applications using the world's most popular PHP framework. You'll dive deep into Laravel's elegant syntax and powerful features, learning how to leverage its MVC (Model-View-Controller) architecture, Eloquent ORM for seamless database interaction, and the intuitive Blade templating engine. This course emphasizes practical, hands-on application, ensuring you gain confidence in developing real-world projects.

Mastering Laravel through this certification will not only enhance your technical proficiency but also significantly boost your career prospects in the competitive African tech landscape. You'll learn to efficiently handle routing, controllers, middleware, authentication, validation, and API development, all crucial components for today's dynamic web applications. By the end of this training, you will be proficient in crafting professional-grade web solutions, positioning you as a highly sought-after developer capable of contributing to complex projects and driving innovation.

Level	Intermediate
Vendor	HP

COURSE CURRICULUM

01 Module 1: Getting Started with Laravel

- Introduction to PHP Frameworks and MVC Architecture
- Setting up Your Development Environment (Composer, PHP, Web Server)
- Laravel Installation and Project Structure Deep Dive
- Basic Routing, Controllers, and Request Handling
- Understanding and Using the Blade Templating Engine

02 Module 2: Deep Dive into Eloquent ORM & Databases

- Database Configuration and Migrations for Schema Management
- Creating Models and Using Database Seeders for Test Data
- Eloquent ORM Basics: CRUD Operations (Create, Read, Update, Delete)
- Mastering Eloquent Relationships (One-to-One, One-to-Many, Many-to-Many)
- Advanced Query Builder Techniques

03 Module 3: User Authentication & Authorization

- Implementing User Authentication with Laravel Breeze/Jetstream
- Understanding Guards, Providers, and Authenticatable User Models
- Applying Middleware for Authentication and Route Protection
- Authorization with Gates and Policies for Granular Access Control
- Password Reset and User Profile Management

04 Module 4: Forms, Validation & Advanced Features

- Handling User Input and Form Requests Effectively
- Comprehensive Server-Side Validation Techniques and Custom Rules
- Working with Sessions and Flash Data for User Feedback
- File Uploads and Integration with Laravel's Storage System
- Introduction to Middleware, Service Providers, Queues, and Events

Module 5: Building RESTful APIs & Deployment Fundamentals

- 05**
- Understanding RESTful API Principles and Design
 - Building API Endpoints with Laravel Controllers
 - API Authentication with Laravel Sanctum for SPAs and Mobile Apps
 - Using API Resources for Data Transformation
 - Effective Error Handling for APIs
 - Basic Project Deployment Strategies and Environment Configuration

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Backend PHP Developer (Laravel Specialist)**
- > **Full-Stack Web Developer (PHP/Laravel & Frontend Integration)**
- > **API & Microservices Developer (Laravel Sanctum/Passport Focused)**

FREQUENTLY ASKED QUESTIONS

Q: What prior experience with PHP or web development is recommended before enrolling in this Laravel certification course?

This intermediate-level course assumes you have a foundational understanding of PHP programming, including concepts like variables, data types, functions, arrays, and basic object-oriented programming (OOP) principles. Familiarity with HTML, CSS, and basic database concepts (like SQL queries) will also be highly beneficial, though not strictly required for PHP itself, it helps in understanding the full web development context.

Q: How does mastering Laravel through this course enhance my ability to build robust and scalable web applications for businesses in Kenya and beyond?

This course focuses on practical, best-practice approaches to developing with Laravel, teaching you to build applications that are not just functional but also maintainable, secure, and performant. You'll learn architectural patterns like MVC, database optimization with Eloquent, secure authentication, and API development, all crucial for building robust applications that can scale to meet business demands, whether for local startups or larger enterprises.

Q: Will this course cover best practices for building secure Laravel applications, including topics like input validation and preventing common web vulnerabilities?

Absolutely. Security is a paramount concern in modern web development. This course integrates security best practices throughout its modules, with dedicated sections on server-side input validation, authentication and authorization mechanisms (using Laravel's built-in features), and discussions on preventing common vulnerabilities such as SQL injection, cross-site scripting (XSS), and cross-site request forgery (CSRF), ensuring you build secure and resilient applications.

ABOUT COMPUTER PRIDE

**computerpride*****East Africa's Premier IT Training Center***

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

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