

Course Name : LARAVEL INTERMEDIATE TO ADVANCED
Duration : 3 Days (Physical Classroom / Virtual Live Instructor)
Skill Level : Intermediate

COURSE DESCRIPTION:

In this Laravel intermediate training course, the candidates will learn some of the advanced features of Laravel PHP framework, with a deep dive into the source code of the framework, explanation of the core concepts and design patterns in the framework itself. The candidates are able to get familiar with numerous advanced recipes that will give the candidate all the necessary tips they need to build an application. The instructor will be using latest Laravel version. Towards the end of this course, the candidates will understand a number of add-ons in Laravel and new features essential to finalize the application to make it ready for production.

WHAT WILL YOU LEARN?

This course is designed for advanced PHP or Laravel developers who wants to learn the advanced features of using Laravel for web development.

PREREQUISITE:

The participants must have basic knowledge in PHP and Laravel. Understanding HTML and CSS would be advantageous.

METHODOLOGY:

This program will be conducted with interactive lectures, PowerPoint presentations, discussions, and practical exercises. This course can be conducted as instructor-led (ILT) or virtual instructor-led training (VILT).

JOB SCOPE:

Upon completion of this course, candidates may pursue the following career paths:

- PHP Developer
- Laravel Developer
- IT Support
- Software Developer
- Backend Developer
- Full Stack Developer
- Technology Developer
- Technology Analyst

DAY I

MODULE 1: TASK SCHEDULING

- Welcome
- Scheduling Artisan Commands
- Scheduling Queued Jobs
- Scheduling Shell Commands
- Schedule Frequency Options
- Timezones
- Preventing Task Overlaps
- Running Tasks On One Server
- Background Tasks
- Maintenance Mode
- SCHEDULING: Digging Deeper

MODULE 2: THE POWER OF EVENTING

- Introduction
- Registering Events & Listeners
 - Generating Events & Listeners
 - Manually Registering Events
- Event Discovery
- Defining Events
- Defining Listeners
- Dispatching Events
- Event Subscribers
 - Writing Event Subscribers
 - Registering Event Subscribers
- EVENTING: Digging Deeper

MODULE 3: HTTP MIDDLEWARE

- Introduction to Laravel
- Installation & Setup
- Installing and Creating with Laravel
- Using Laravel's Server
- Intro to the Eloquent ORM
- Tinker & Application Interaction

DAY 2

MODULE 4: QUEUES IN LARAVEL

- Defining Middleware
- Registering Middleware
 - Global Middleware
 - Assigning Middleware to Routes
 - Middleware Groups
 - Sorting Middleware
- Middleware Parameters
- Terminable Middleware

MODULE 5: CUSTOM BLADE DIRECTIVES

- Introduction
 - Connections Vs. Queues
 - Driver Notes & Prerequisites
- Creating Jobs
 - Generating Job Classes
 - Class Structure
 - Unique Jobs
- Running The Queue Worker
- Supervisor Configuration
- Clearing Jobs From Queues
- Monitoring Your Queues
- Job Events

MODULE 6: ADVANCED RELATIONSHIP

- Custom Echo Handlers
- Custom If Statements

DAY 3

MODULE 7: LARAVEL TELESCOPE

- Has One Of Many
- Has One Through
- Has Many Through
- Polymorphic Relationships

TINKER MODULE 8: LARAVEL AUTHENTICATION (FORTIFY)

- Introduction
- Installation
- Local Only Installation
- Configuration
- Data Pruning

- Dashboard Authorization
- Upgrading Telescope
- Filtering
- Entries
- Batches
- Tagging

MODULE 9: ELOQUENT PERFORMANCE PATTERNS

- Authentication
- Customizing User Authentication
- Customizing The Authentication Pipeline
- Customizing Redirects
- Two Factor Authentication
- Enabling Two Factor Authentication
- Authenticating With Two Factor Authentication
- Disabling Two Factor Authentication

CONCLUSION

- QA
- Useful References and Books
- Feedback