

Practical Laravel

Duration: 2 days

1. PHP Language Basics

- Welcome
- What you need to know?
- PHP Language Basics
- Syntax & Quotes
- Data Types
- Variables & Constants
- Arrays
- Conditionals & Loops

2. Object Oriented Programming

- Introduction
- Classes & Objects
- Static Context
- Visibility (PPP)
- Overriding Functions
- Interfaces
- Cloning
- Namespaces

3. Introduction to Laravel

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

4. MVC & Laravel

- What Is an MVC Framework?
- Laravel Collections
- Laravel Form Class
- Intro to CRUD?
- Create
- Read
- Update
- Delete or Destroy

5. Models and Views

- What Is a Model For?
- Creating a Model
- Local Scopes
- Introductio to View
- View Location
- Blade
- Looping With Blade
- Layouts

6. Controllers and Routing

1. Controllers: The Middleman
2. What Is a Controller?
3. Creating Controllers
4. Show Method
5. Routing: Directing Traffic
6. Route Location
7. Closures With Arguments
8. Resource Controller
9. Listing Routes

7. Model & Database Migration

1. Using Laravel's Server
2. Generating Models
3. Building Migrations
4. Factory and Faker

8. Database & Tinker

1. Database Setup
2. MySQL Monitor
3. Database Configuration
4. Running Migrations
5. Using Artisan Tinker
6. Mass Assignment

9. Controllers & Index

1. Routing Through a Controller to a View
2. Creating a Controller
3. RESTful Routing
4. Building the Index Method

10. Forms, Validation & Pagination

1. Forms, Layouts, and CSRF
2. Layouts
3. Creation Forms
4. Input Validation and Pagination
5. Pagination
6. Basic Auth with Artisan
7. Relationship and Custom Auth

11. Conclusion

- QA
- Useful Resources
- Feedback