

Laravel PHP Framework

Learn the fundamentals of Laravel to develop modern, robust, and secure web applications using PHP.

Category: Programming · Duration: 3 days

WHO IT IS FOR

- PHP developers
- Developers and DBAs who work with data every day
- Teams that want hands-on practice on real scenarios

This comprehensive training program covers the essentials of Laravel PHP framework and equips participants with the skills and knowledge required to develop efficient and scalable web applications. The course explores various Laravel features and functionalities, including routing, MVC architecture, ORM, database migrations, authentication, and more. By the end of the training, participants will have a solid understanding of Laravel and be able to build sophisticated web applications.

Prerequisites

Basic knowledge of PHP and web development concepts.

Syllabus

- Introduction to Laravel
- Setting up the development environment
- Laravel Routing
- Controllers and Views
- Model-View-Controller (MVC) architecture
- Eloquent ORM and Database Migrations
- Form Validation and Request Handling
- Authentication and Authorization
- Working with Blade templating engine
- Creating and managing RESTful APIs
- Caching and optimization
- Testing and debugging in Laravel
- Error handling and logging

- Deploying Laravel applications
- Integrating with front-end frameworks
- Laravel packages and extensions
- Security best practices in Laravel
- Performance tuning and scalability
- Laravel and database management
- Managing dependencies with Composer
- Project work and hands-on exercises