



MFE-IT

Reference: MB/EN/L12

Laravel 12 Training Course

Modern, Fast and Structured PHP Web Development

Duration: 2 Days | Hours: 12 h

Remote · Sessions guaranteed from 1 registrant · 60% hands-on practice

DESCRIPTION

Laravel has become the benchmark PHP framework for developing modern, well-structured and easy-to-maintain web applications. Its expressive syntax, rich ecosystem and integrated best practices make it a productivity multiplier for PHP teams of all sizes.

This training course guides you step by step through learning Laravel 12, from installation to the creation of your first complete CRUD application, including routes, Blade views, controllers, the Eloquent ORM, forms, validation and authentication.

LEARNING OBJECTIVES

By the end of this training course, participants will be able to:

- Understand Laravel's MVC architecture
- Install, configure and launch a Laravel 12 project
- Create routes, Blade views, controllers and Eloquent models
- Manipulate a database with the Eloquent ORM
- Manage forms, validation and basic authentication
- Design a functional and scalable first CRUD application

PREREQUISITES

- Good foundation in procedural or object-oriented PHP
- Knowledge of HTML/CSS and basic back-end logic
- Local environment ready (XAMPP, WAMP, Laragon or Docker recommended)

Because each participant is unique, a personalised interview is systematically organised in advance with our expert to design a training programme perfectly aligned with their objectives, level and professional challenges.

TARGET AUDIENCE

PHP developers, full-stack developers, web developers transitioning to Laravel, freelancers and back-end engineers.

DETAILED PROGRAMME

The training alternates between theoretical input and hands-on practice (approximately 60% of the time). Modules are built around practical exercises based on real-world business use cases.

Module 1 – Introduction to Laravel and Working Environment

- History, philosophy and key advantages of Laravel
- Installation via Composer and project structure
- Setting up a local development environment

Module 2 – MVC Architecture and Routing

- Understanding the Laravel HTTP request flow
- Defining routes, route groups and route model binding
- Controllers, dependency injection and first views

Module 3 – Blade Views and Reusable Components

- Blade syntax, layouts and template inheritance
- Sections, slots and Blade components
- Best practices for view organisation

Module 4 – Database and Eloquent ORM

- Migrations and schema versioning
- Eloquent models, relationships and query builder
- Custom queries, scopes and database seeders

Module 5 – Forms, Validation and Authentication

- Form handling, CSRF protection and request validation
- Custom validation rules and error display
- Built-in authentication, password reset and session management

Module 6 – Final Project: Complete CRUD Application

- End-to-end CRUD application with routes, views and database
- Authentication, role-based access and user feedback
- Best practices: services, repositories and clean code

TEACHING METHODS

Format and Delivery

The training is delivered remotely via an interactive virtual classroom. It can also be delivered on-site, with content customised to match the needs of your professional project. The theory/practice split is approximately 40%/60%.

MFE-IT Ultra-Personalised Format

Each session accommodates between 1 and 3 participants, ensuring highly individualised support. A preliminary interview allows us to tailor the content to each participant's profile. Inter-company sessions are guaranteed from just 1 registrant (except in cases of force majeure).

Skills Assessment

Throughout the training, the trainer assesses participant progress through multiple-choice questions, role-playing exercises and hands-on work. At the end, a certificate of achievement is issued to each participant.

Post-Training Support

For one month following the training, each participant can contact MFE-IT trainers with questions about implementing acquired knowledge. A response is provided by email or telephone within 48 working hours.

Accessibility

MFE-IT is committed to welcoming people with disabilities. Contact: contact@mfe-it.com.

PRACTICAL INFORMATION

Trainer Resources

- Structured demonstrations aligned with the detailed programme
- Exercise briefs and solutions throughout the training
- A ready-to-use technical environment for practical workshops
- Trainer validation of acquired knowledge at the end of each workshop
- Digital reference documents

Certification and Validation

At the end of the training, a certificate is sent by email specifying the objectives, nature, duration and assessment results. A completion certificate can also be provided on request.

Benefits for Participants

- Train from your workplace or home, with no travel required
- Benefit from an expert trainer-consultant on the subject
- Enjoy an ultra-personalised format (1 to 3 participants)
- Continue training even in the event of unforeseen circumstances

Benefits for the Organisation

- Optimise the training budget by reducing travel and accommodation costs
- Offer quality training to all employees, regardless of location
- Reduce absence time linked to travel
- Support team upskilling in all contexts