Course : Laravel, improvement

Practical course - 3d - 21h00 - Ref. LVL
Price : 1830 € E.T.

★★★★★   5 / 5

This course will enable you to finalize a Laravel project. You'll learn how to manage the security of your application with authentication and authorizations, manage e-mail dispatch and queue management with Queue Worker. You'll also see how to deploy a site in production using Docker.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Manage authentication
- ✓ Creating unit tests
- ✓ Develop e-mail application modules
- ✓ Deploying web applications with Docker

Intended audience
Developers, architects.

Prerequisites
Basic knowledge of Laravel - Good knowledge of PHP. Basic knowledge of object-oriented programming.

Practical details

Hands-on work
Training alternates theory and practice. Everything we learn is put into practice.

Teaching methods
Assessment of learning is carried out throughout the session through a series of exercises (50-70% of the time).

Course schedule

PARTICIPANTS
Developers, architects.

PREREQUISITES
Basic knowledge of Laravel - Good knowledge of PHP. Basic knowledge of object-oriented programming.

TRAINER QUALIFICATIONS
The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS
The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

1 Authorizations and authentication

- Advanced settings.
- Authentication methods.
- Disconnection.
- Safety concepts.
- Authorizations.
- Protecting roads.

Hands-on work
Create accounts with different rights.

2 Cache and session

- Sessions.
- Use Redis.
- Store data.
- The cache.
- File storage.
- Database.
- Store, retrieve and delete data.

Hands-on work
Session management with Redis.

3 Queue management

- Key concepts.
- Configuration.
- Pilot.
- Queue Worker.
- Create and dispatch tasks.
- Monitoring.
- Error handling.

Hands-on work
Create queue tasks.

4 E-mails

- Local development.
- Prepare e-mails.
- Send e-mails.
- Use notifications.
- Choose a driver in a production environment.
- Amazon SES, Mailgun, SMTP.

Hands-on work
Development of an e-mail application.

5 The tests

- Unit testing.
- Database.
- Functionality testing.
- Laravel Dusk.
- Simulation.
- Automatiser le lancement des tests. Automatiser le lancement des tests

Hands-on work
Create unit tests.

6 The components

- Integrate a component.
- Useful, high-quality components.
- Create your own components.

Hands-on work
Component creation.

7 Assistants

- Handle strings.
- Functions on tables.
- Other assistant functions.
- Collections.
- Tinker.

Hands-on work
String manipulation.

8 Deploying a site in production

- Considerations.
- Laravel Forge.
- Prepare a server manually.
- Continuous integration and deployment.
- Index.

Hands-on work
Setting up a production site.

9 Laravel development environment with Docker

- Why dock the project?
- Setting up.
- Services.
- Docker-compose.
- Service start-up

Hands-on work
Application deployment with Docker.