PHP – Symfony

Description

Symfony is the number one PHP framework used by real businesses to build stable, scalable, modern web applications. In this course, we will dive in and learn hands-on as we build an eCommerce website together.

Course Content
Module 1: Setting up your environment

- Symfony CLI
- Windows setup
- Checking your environment
- Example code

Module 2: Installing Symfony

- Symfony dev server
- Symfony architecture
- Creating a controller
- YAML files
- Adding the route
- Using annotations

Module 3: Twig Templating

- Installing Twig
- Creating a template
- Using the abstract controller
- Variables in Twig
- Twig Security
- Using Layouts

Module 4: What are static assets?

- Serving static files
- Installing Node.js
- SASS pre-processing
- Installing Encore
- Compiling assets
- Enabling SASS
- Including our assets
- Adding some CSS

Module 5: Doctrine ORM

- Local database setup
- Database management
- Configuring the database

- Creating a product entity
- Generating the schema
- Importing sample data
- Listing the products
- Product listing template
- Viewing our product list
- Doctrine documentation

Module 6: Routing options

- Product details page
- Product details template
- Handling not found errors
- Customising the error page

Module 7: Email and transport layers

- Installing the email practice
- Configuring the email service
- Sending an email confirmation
- Email template
- Testing the email confirmation

Documentation

- Digital courseware included

Participant profiles

- Developers looking to learn Symfony
- Developers looking to learn about MVC PHP frameworks

Prerequisites

- A basic knowledge of PHP would be helpful

Objectives

- Building an ecommerce store in Symfony
- Good understanding of Twig templates, Doctrine ORM, Encore, SASS, sessions, forms and email delivery

Niveau
Fondamental
Classroom Registration Price (CHF)
3800
Virtual Classroom Registration Price (CHF)
3550
Duration (in Days)
5
Reference
PHP-03