



4. Web Development

4.4 Symfony

Prerequisites:

1. Core/Advance PHP
2. OOPs
3. HTML, CSS & JavaScript

Duration: 30 Lectures

Course Content:

1. Introduction

- 1.1. What is Symfony
- 1.2. Understanding MVC architecture Pattern of Symfony
- 1.3. Installing and Configuring Symfony
- 1.4. Exploring Symfony
- 1.5. Symfony Components

2. Controllers

- 2.1. Understanding Anatomy of Controllers
- 2.2. Introducing TWIG and its syntax
- 2.3. Symfony Templates
- 2.4. Building response with controller

3. Architecture

- 3.1. Understanding lifecycle of controller in symfony
- 3.2. Creating a bundle from console
- 3.3. Routing
- 3.4. Composer



4. Data

- 4.1. Managing Data storage In Symfony
- 4.2. Object Oriented mapping in Symfony
- 4.3. Caching
- 4.4. Validation

5. Doctrine

- 5.1. Using Doctrine in Symfony
- 5.2. Managing database using Propel in Symfony
- 5.3. Modeling in Symfony
- 5.4. Customizing and generating database tables
- 5.5. Generating controllers
- 5.6. Creating, editing, and debugging entities

6. Templates and Debugging

- 6.1. Security Authorization
- 6.2. Displaying and debugging a form
- 6.3. Rendering content with templates

7. Crud operations

- 7.1. Console base crud operations
- 7.2. Like add/update/delete with example module (testimonial)

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