

PHP Web Development Basics

Learn the basics of PHP web development and gain the skills to build dynamic and interactive websites.

Category: Programming · Duration: 3 days

WHO IT IS FOR

- PHP developers
- Developers and DBAs who work with data every day
- Beginners welcome: no prior experience required

This comprehensive PHP web development course will teach you the fundamentals of PHP programming and how to develop websites using various PHP frameworks. You will learn about server-side scripting, data validation, interacting with databases, and creating dynamic web pages. By the end of the course, you will have the skills to build functional and interactive websites with PHP.

Prerequisites

Basic knowledge of HTML and CSS is required. Familiarity with programming concepts will be helpful.

Syllabus

- Introduction to PHP
- Setting up the development environment
- PHP syntax and variables
- Conditional statements and loops
- Arrays and strings
- Working with forms and user input
- File handling and manipulation
- Working with databases (MySQL)
- Creating dynamic web pages
- Introduction to PHP frameworks (e.g., Laravel, CodeIgniter)
- Introduction to object-oriented programming in PHP
- Debugging and error handling
- Implementing security measures

- Best practices in PHP development
- Introduction to front-end frameworks (e.g., Bootstrap)
- Deploying PHP applications
- Testing and maintenance
- Introduction to web services (RESTful APIs)
- Building a complete PHP web application
- Project work and hands-on exercises