

Building RESTful APIs with PHP

Learn how to create RESTful APIs using PHP and enhance your web development skills.

Category: Programming · Duration: 4 days

WHO IT IS FOR

- PHP developers
- Developers of any background
- Teams that want hands-on practice on real scenarios

In this course, you will gain a deep understanding of building RESTful APIs with PHP. You will learn how to design, develop, and deploy APIs using popular PHP frameworks and libraries. With hands-on practice and real-world examples, you will master the concepts of API development and learn best practices for creating scalable and secure APIs.

Prerequisites

Basic knowledge of PHP and web development.

Syllabus

- Introduction to RESTful APIs
- API Design Principles
- HTTP Methods and Status Codes
- Building API Endpoints
- Handling Authentication and Authorization
- Request and Response Formats
- Data Validation and Error Handling
- Pagination and Filtering
- Caching and Performance Optimization
- Versioning and API Lifecycle Management
- Testing and Debugging APIs
- Documentation and API Reference
- Securing APIs with OAuth 2.0
- Rate Limiting and Throttling
- API Version Control

- API Analytics and Monitoring
- API Integration and Third-Party Services
- Building API Clients
- Webhooks and Event-Driven Architecture
- Scaling and Load Balancing APIs