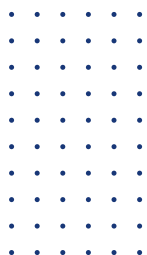


Certificate in Advanced Concepts in PHP



The Advanced PHP Course is designed to help learners build dynamic, interactive, and secure web applications using PHP. It covers advanced scripting techniques, database integration (CRUD operations with MySQL), authentication, and API development. Learners will explore JavaScript, AJAX, and XML for enhanced web interactivity. The course also emphasizes security best practices, including SQL injection prevention and session management. By the end, learners will be able to develop, optimize, and deploy full-fledged PHP applications, integrating modern web development techniques.

Syllabus & Skills covered (60 hours)



- Describe fundamental PHP features, including variables, arrays, namespaces, and data types.
- Construct interactive web applications using PHP forms, CRUD operations, and authentication techniques.
- Apply string manipulation, mathematical functions, and error handling for efficient scripting.
- Implement database connectivity to perform CRUD operations and execute stored procedures in MySQL.
- Incorporate JavaScript and AJAX to improve responsiveness and user experience in PHP applications.
- Analyze security vulnerabilities such as SQL injection and authentication flaws, and implement protective measures.
- Create REST APIs and work with JSON for data exchange in web applications.
- Utilize XML and APIs for seamless data integration in PHP-based projects.
- Enhance application performance using caching, indexing, and efficient query execution.
- Design and implement a full-stack PHP application, applying best development practices.

Career Opportunities



- **API Developer**
- **PHP Web Developer (Mid-Level)**
- **Web Consultant**
- **Junior Web Application Developer**
- **Full Stack Development Trainee (PHP Focus)**

SCAN ME



Find your nearest center