



HP TRAINING

Php Yii Framework

Master the Php Yii Framework to efficiently build powerful web applications. Develop advanced skills for robust, scalable solutions.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level 'PHP Yii Framework' course, offered by Computer Pride, is designed for experienced PHP developers looking to master one of the most powerful and high-performance PHP frameworks for rapid web application development. Yii, known for its efficiency, robustness, and comprehensive features, empowers developers to build scalable, secure, and maintainable web applications with ease. The course delves into Yii's Model-View-Controller (MVC) architecture, ActiveRecord ORM, and its extensive suite of tools for form handling, authentication, authorization, RESTful API creation, and more, all while adhering to best practices and modern coding standards. Participants will gain hands-on experience in leveraging Yii's component-based structure and code generation tools to significantly accelerate their development workflow. By the end of this training, you will be proficient in designing and implementing complex web solutions, integrating advanced functionalities, and optimizing application performance using the Yii Framework. This expertise is crucial for any developer aiming to contribute to enterprise-level projects or take on leadership roles in web development, making you a highly sought-after professional in the competitive IT landscape.

Level	Intermediate
Vendor	HP

COURSE CURRICULUM

01 Module 1: Getting Started with Yii Framework

- Introduction to Yii Framework and its philosophy
- Setting up the development environment (PHP, Composer, Web Server)
- Installation and basic application structure
- Understanding the Model-View-Controller (MVC) pattern in Yii
- Running and configuring your first Yii application
- Directory structure and essential configuration files

02 Module 2: Database Interaction and ORM

- Connecting to databases and database configurations
- Yii's Active Record: CRUD operations with models
- Defining and managing database relations (one-to-one, one-to-many, many-to-many)
- Database Migrations for schema management
- Query Builder for complex queries
- Data Validation and sanitization

03 Module 3: Forms, User Input, and Widgets

- Creating and handling HTML forms in Yii
- Client-side and server-side form validation
- Using Yii's built-in widgets (GridView, ListView, DetailView)
- Customizing widgets and creating your own
- File uploads and handling
- Working with AJAX in Yii applications

04 Module 4: Authentication, Authorization, and Security

- Implementing user authentication (login, logout, registration)
- Role-Based Access Control (RBAC) for authorization
- Understanding and mitigating common web vulnerabilities (XSS, CSRF, SQL Injection)
- Password hashing and secure session management
- Implementing reCAPTCHA and other security features

- Data encryption and decryption techniques

05 Module 5: Advanced Features and API Development

- Caching strategies (data cache, fragment cache, page cache)
- Internationalization (I18N) and Localization (L10N)
- Creating RESTful APIs with Yii Framework
- API authentication methods (OAuth2, HTTP Basic Auth)
- Error handling and logging
- Command-line tools and console applications

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Yii Framework Specialist Developer**
- > **Enterprise PHP Application Architect**
- > **Backend Web Service Engineer**

FREQUENTLY ASKED QUESTIONS

Q: What level of prior PHP and object-oriented programming (OOP) experience is required to excel in this Yii Framework course?

This intermediate-level course assumes a solid foundational understanding of PHP, including proficiency in object-oriented programming (OOP) concepts such as classes, objects, inheritance, and interfaces. Familiarity with fundamental web development concepts like HTML, CSS, JavaScript, and basic database interaction (SQL) is also essential to fully benefit from the curriculum.

Q: How does mastering the Yii Framework through this course prepare me for building high-performance, enterprise-grade web applications?

By mastering the Yii Framework, you'll gain expertise in leveraging its optimized performance features like caching, lazy loading, and robust database abstraction, which are critical for enterprise applications. The course emphasizes best practices for scalable architecture, secure coding, and efficient module development, enabling you to build complex, maintainable, and high-performance solutions that meet enterprise demands.

Q: Will this course cover the development of secure RESTful APIs using the Yii Framework, and how will that skill benefit my career?

Yes, a dedicated module in this course focuses on developing secure RESTful APIs using the Yii Framework, covering authentication methods, data serialization, and best practices for API security. This skill is highly valuable, as it enables you to create backend services for mobile applications, single-page applications (SPAs), and other client-side interfaces, making you a versatile and in-demand developer for modern, interconnected systems.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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