



JAVA TRAINING

Developing Applications The Java Ee7 Platform

Master Java EE 7 application development. Build robust, scalable enterprise apps with advanced Java technologies and best practices.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level course, "Developing Applications The Java EE 7 Platform," provides a focused and practical introduction to building robust enterprise applications using the powerful Java Enterprise Edition 7 specification. Participants will quickly grasp the core architectural patterns and essential APIs that drive modern business solutions. The curriculum is designed to rapidly upskill developers in key areas like web tier development with Servlets and JSPs, data persistence using the Java Persistence API (JPA), and managing dependencies efficiently with Contexts and Dependency Injection (CDI).

Upon completion, you will be equipped with the foundational knowledge to design, develop, and deploy scalable and maintainable enterprise applications. This training is ideal for Java developers looking to transition into enterprise development or those seeking a concise refresher on the critical components of Java EE 7, enabling them to contribute effectively to enterprise projects and enhance their career trajectory in a competitive IT landscape.

Duration	2 hours
Level	Intermediate
Vendor	Java

COURSE CURRICULUM

01 Module 1: Java EE 7 Foundations and Web Components

- Understanding the Java EE 7 Ecosystem
- Servlet 3.1 & JSP 2.3: Core Concepts
- Configuring Web Applications with Annotations

02 Module 2: Enterprise Persistence and Dependency Management

- Java Persistence API (JPA) 2.1: Entity Mapping and Basic Operations
- Contexts and Dependency Injection (CDI) 1.1: @Inject and Scopes
- Working with Persistence Contexts and Transactions

03 Module 3: Building RESTful APIs

- JAX-RS 2.0: Principles of REST and Resource Creation
- Developing RESTful Web Services
- Handling Request/Response with JSON and XML

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Enterprise Java Developer**
- > **Backend Java Engineer (Java EE focus)**
- > **Application Developer (Java EE Specialist)**

FREQUENTLY ASKED QUESTIONS

Q: What specific prior Java development experience is recommended before enrolling in this Java EE 7 platform course?

This intermediate course assumes a strong foundation in Java Standard Edition (Java SE), including object-oriented programming principles, collections, and basic exception handling. While not strictly required, familiarity with web development concepts (like HTTP, HTML) and basic SQL would be highly beneficial to maximize learning from this accelerated overview of Java EE 7.

Q: Given the 2-hour duration, what level of hands-on application development can I expect to achieve with Java EE 7 APIs?

Due to its concise 2-hour format, this course is primarily designed as a rapid, high-level conceptual overview of key Java EE 7 components rather than an in-depth, hands-on coding workshop. You will gain a strong understanding of core APIs like Servlets, JPA, CDI, and JAX-RS, learning their purpose and basic usage patterns, which serves as an excellent foundation for further practical exploration.

Q: Will this course cover the deployment of Java EE 7 applications to an application server?

While understanding deployment is crucial for enterprise applications, this 2-hour course focuses on the core development aspects of Java EE 7 APIs. It will provide conceptual insights into how applications are packaged and deployed within a Java EE container, but it will not include detailed, step-by-step demonstrations or practical exercises on configuring specific application servers.

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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