

5 Days

## Architect Enterprise Applications with Java EE

This Architect Enterprise Applications with Java EE training will make you equipped with the skills required to develop architectures for the enterprise Java applications and you will learn the usage of Java Platform, Enterprise Edition (Java EE) technology.

This Oracle Training makes you familiar with Enterprise Architect's roles, deliverables, and responsibilities. You will learn how to identify the NFRs, Non-Functional Requirements. After the successful completion of the course, you will be able to implement the translation of business requirements into a robust architecture. You will be able to choose wisely while architecting the web, client, integration, business and data tiers.

Also, the Oracle training will make you learn about intelligent ways to apply evaluation criteria for choosing different architectural elements, tools, patterns, servers, and frameworks.

90 days For training on demand

## Course Details

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### Course Outline

Module 1: Understand Java EE Architecture

Module 2: Manage Persistence using JPA Entities and BeanValidation

Module 3: Implement Business Logic by Using EJBs

Module 4: Use Java Message Service API

Module 5: Implement SOAP Services by Using JAX-WS and JAXB APIs

Module 6: Create Java Web Applications using Servlets

Module 7: Create Java Web Applications using JSPs

Module 8: Implement REST Services using JAX-RS API

Module 9: Create Java Applications using WebSockets

Module 10: Develop Web Applications using JSFs

Module 11: Secure Java EE 7 Applications

Module 12: Use CDI Beans

Module 13: Use Concurrency API in Java EE 7 Applications

Module 14: Use Batch API in Java EE 7 Applications

### Who Should Attend

- J2EE Developer
- Java EE Developers
- Architect
- Developer

## Pre Requisite

### Suggested Prerequisite

- Perform analysis and design of object-oriented software systems
- Describe, in outline form, all the Java EE technologies like Enterprise JavaBeans, servlets, JavaServer Pages, and JavaServer Faces
- Use notations for modeling object-oriented systems
- Describe communication concepts and distributed computing

### Required Prerequisite

- Object-Oriented Analysis and Design Using UML
- Java EE 6: Develop Web Components with Servlets & JSPs
- Java Design Patterns
- Java EE 6: Develop Business Components with JMS & EJBs

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