

Java Enterprise Development

Master Java Enterprise development, from Java EE frameworks and web services to ORM and security, for robust and scalable enterprise applications.

Category: Programming · Duration: 3 days

WHO IT IS FOR

- Java developers
- Developers and DBAs who work with data every day
- Practitioners who already use it daily and want to go further

This comprehensive course covers all aspects of Java Enterprise Development, including Java EE frameworks, web services, ORM, security, and more. Participants will gain hands-on experience through practical exercises and real-world projects, ensuring a solid understanding of enterprise application development best practices.

Prerequisites

Basic knowledge of Java programming language and object-oriented concepts.

Syllabus

- Introduction to Java Enterprise Development
- Java EE Architecture and Components
- JavaServer Faces (JSF) Framework
- Java Persistence API (JPA)
- Web Services Development
- Java API for RESTful Web Services (JAX-RS)
- Java Authentication and Authorization Service (JAAS)
- Security Best Practices in Enterprise Applications
- Integration Testing and Continuous Integration
- Design Patterns for Enterprise Development
- Scalable and Distributed Architectures
- Java Enterprise Development Case Studies
- Performance Tuning and Optimization
- Error Handling and Logging
- Monitoring and Management of Enterprise Applications

- Agile Development Methodology for Enterprises
- Project Management in Enterprise Development
- Deployment and Application Server Configuration