Introduction to application development with Jakarta EE («JEE01»)

This course provides you with an overview of the versatile applications of Jakarta EE.

Duration: 2 days
Price: 1'400.–

Content

1. Jakarta EE as a component platform
   - Architectue and Tiers
   - Web Component versus Business Component
   - Specifications and profiles
   - Application server and container
   - JNDI versus CDI
   - Archive and deployment
   - JavaBeans API and POJO
   - Annotiations and logging
2. «Presentations / Web Tier» in Jakarta EE
   - Web application with servlets
   - Web service with RESTful API
   - WebSocket API
3. «Business / Logic Tier» in Jakarta EE
   - Business Application with EJB
   - Messaging with JMS
   - Web Service with SOAP Protocol
4. «Persistence / Integration Tier» in Jakarta EE
   - Database access with JDBC
   - Database access with JPA
   - Bean Validation
   - Transactions with JTA
5. Multithreading in Jakarta EE
   - Concurrents
   - Asynchrones
   - Concurrency API
6. Services in Jakarta EE
   - Timer API
   - Batch API
7. Security in Jakarta EE
   - Threats
   - Terms and concepts
   - Authentication and login
   - Authorization and roles
   - Security API

Key Learnings

- Overview of the Jakarta EE specifications
- Overview of the possible applications for enterprise applications

Target audience

This course is aimed at application developers who want to familiarize themselves with the possible uses of Jakarta EE.

Further courses

- Introduction to Java Servlet API («JEE02»)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-software-engineering/programming-languages/java-javascript/course-introduction-to-application-development-with-jakarta-ee