

# **Red Hat Certified Enterprise Application Developer**

## **Course Content:**

1. **Transition to Multi-Tiered Applications**
    - Describe Java EE features and differentiate between Java EE and Java SE applications.
  2. **Package and Deploy Applications to an Application Server**
    - Understand the architecture of a Java EE application server, package an application, and deploy it to an EAP server.
  3. **Create Enterprise Java Beans (EJBs)**
    - Develop Enterprise Java Beans, including message-driven beans.
  4. **Manage Persistence**
    - Create persistence entities with validations.
  5. **Manage Entity Relationships**
    - Define and manage JPA entity relationships.
  6. **Create REST Services**
    - Build REST APIs using the JAX-RS specification.
  7. **Implement Contexts and Dependency Injection (CDI)**
    - Describe typical use cases for CDI and implement it in an application.
  8. **Create Messaging Applications with JMS**
    - Create messaging clients that send and receive messages using the JMS API.
  9. **Secure Java EE Applications**
    - Use JAAS to secure a Java EE application.
  10. **Comprehensive Review of Red Hat JBoss Development I: Java EE**
- Demonstrate proficiency in the skills and knowledge acquired during the course.