



Shaping Talents



Shaping Future

**JOIN US**

Become a Certified  
Technology Expert



**J2EE**  
**/ JAVA EE**  
**TRAINING**

## J2EE/ JAVA EE Training

### About EnhanceLearn

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EnhanceLearn offers you a complete career transition by providing training and placement programs for Students and Jobseekers looking for a Career Success. We provide best IT training and certification courses which is taken by professional certified experts. The training modules are designed as per the market requirement so that it helps student to conquer the Career Job Market and achieve their career goals with our placement assistance.



### About the J2EE Training Course

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EnhanceLearn provides highly-customized, dedicated, role-based J2EE Training course. This course renders one with complete knowledge relating to java and its transcripts. To be able to stay up-to-date and ahead in this competitive world, the practical knowledge in the field of it's become a necessity in today's time. In this training you will learn about the Core J2EE concepts and architecture, core technologies such as JSP and Servlets, database connectivity architecture, implement the Struts, Hibernate - Relational/Object Mapping, Spring Framework and learn how to develop and deploy Java Enterprise and Web applications. Enhance your skills and knowledge with our expert trainers and become an expert in Java Platform Enterprise Edition.

### Why take J2EE Training Course?

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Java is the most popular programming language in use and is the only language that works across all computer and android mobile platforms with no need to be recompiled for each one.

EnhanceLearn is offering the definitive training in building and implementing J2EE that can be taken by professionals in order to upgrade their career and grab the best jobs in the software industry.

Java is used by most of the tech companies for building their software. It is used in web development (JavaScript) as well as in app development which are platform independent. Moreover it is used to develop for Android. 90% of Fortune 500 companies use Java as a server-side language for backend development.

Excelling in Java also prepares you for a career in big data, as Hadoop (the most generally used framework of big data architecture) uses Java for design and development.

Demand for Java developers has never been higher, with salaries averaging more than \$90,000 per year.

Fast-track your career to take on more lucrative job roles and take your career to the next level.

If you are interested in joining EnhanceLearn's best Training and Placement Program team, please reach our team here:

## Course Content:

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### Module 1: JDBC

- Introduction to ODBC, JDBC & Types of Drivers
- JDBC API & Database Connection
- Types of Statements & Other API's of Java
- JDBC 2.0 Result Set Extensions
- SERVLET
- Introduction to Web Server, C/S Arch, ServerSide Scripting
- Servlet API, Life Cycle of Servlet, Html Forms SSI, Session
- Tracking, Servlet Chaining
- JDBC with Servlets APPLET Servlet Communication

### Module 2: XML

- Introduction to B2B, B2C & XML
- DTD & Basic XML Tags
- XML Schema
- DOM & DSO
- Name Space & Schemas
- XSL, CSS & XLL, XPath

### Module 3: Enterprise JavaBeans EJB

- Introduction to EJB & Enterprise Computing
- Building business tier using EJB For a web application(Struts)
- Weblogic containers & Server Services
- Types of Beans & Functionalities
- Introduction to Session Bean
- Developing & Deploying Stateless & Statefull Session Bean
- Introduction to Entity Beans
- Developing & Deploying Entity Beans
- Entity Bean Relationships
- Message Driven Beans & Deployment
- Transaction Management (BMT and CMT)

### Module 4: J2EE

- Introduction to J2EE & Distributed Architecture
- Servlets, JSP & Integration of EJB with J2EE

- JMS, JNDI, POOLING, JTS JMS JNDI
- JTS, Java-Mail
- Pooling Services and Enterprise Computing

### Module 5: SPRINGS

- IOC Container
- Dependency Injection
- Aspect oriented programming
- Spring JDBC
- Spring MVC
- Integration with Hibernate
- Integration with EJB
- Working with Scheduler Framework Quartz
- Working with Reporting Tool Jasper Reports

### Module 6: HIBERNATE

- Introduction to object relational mapping
- Hibernate architecture
- Hibernate configuration file,
- Hibernate mapping file
- SessionFactory
- Session
- Query
- Transaction
- Mapping java persistence class in hibernate
- HQL
- Criteria API
- Hibernate tools

### Module 7: CORE J2EE DESIGN PATTERNS

- Front controller
- Data Access Object (DAO)
- Business Delegate
- Model View Controller
- service locator
- View helper
- Value Object
- Session Façade
- Composite View

### Module 8: RMI

- Introduction to RMI

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## J2EE/ JAVA EE Training

- Layers of RMI with Architecture, RMI with JDBC
- Packages & Exception Handling in RMI

### Module 9: JSP

- Introduction to JSP Architecture, Basic Tags
- Page Directives, Scripting Elements, Bean Tags
- Implicit Objects, JDBC with JSP, Servlets with JSP
- Custom Tag Libraries
- MVC Architecture (MVC 1 and MVC2)
- Security in Web Applications
- Presentation Tier Design Patterns

### Module 10: WEBLOGIC

- Introduction to APP Servers & Weblogic Administration and Configuring
- Deployment & Recourse Handling
- Configuring Connection Pooling
- Messaging Services

### Module 11: STRUTS

- Model-View-Controller Design Pattern
- Model Components
- View Components
- Controller Components
- Advanced Action Classes
- Exception Handling in Struts
- Internationalization of Web Applications
- Tag Libraries
- Validation Framework
- Tiles Framework
- STRUTS Configuration File
- Web Application Descriptor File

### Module 12: AJAX

- HTTP Basics
- JAVASCRIPT Basics
- Hidden frame technique For sending Asynchronous Requests
- I frames
- AJAX Basics
- AJAX Communication techniques
- AJAX Patterns
- XML Basics
- XML , XSLT and XPATH

- Syndication with RSS /ATOM
- AJAX Framework DWR(direct web remoting)
- Design pattern
- Introduction to patterns
- Core OO design patterns
- Observer
- Decorator
- Factory
- Singleton
- Adapter and Façade
- JAVA Development Tools
- ANT
- XDoclet
- Jasper Reports and IReport
- CVS
- LOG4J
- MyEclipse IDE
- JUNIT

### Module 13: J2EE Projects

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