



J2EE Training Course

Project Based Immersive Learning Course

Course Overview?

The Education Nest certificate course for J2EE will teach you how to use J2EE for development. Develop your skills as a J2EE developer by gaining a comprehensive understanding of all the essential concepts of J2EE. This training program provides a practical learning experience with real-world illustrations that will allow you to build web applications using J2EE effectively. The course commences with an overview of web basics, establishing a solid foundation for comprehending the functioning of the internet. Then, the course emphasizes understanding the Servlet hierarchy and its management of request/response cycles. Furthermore, the course covers transfer control mechanisms such as forward and redirect. These proficiencies will help you advance in your profession as a J2EE developer. You will gain expertise in this area after completing the course.

Benefits of Core Java Training Course :

J2EE (Java 2 Platform, Enterprise Edition) is a popular platform for developing enterprise-level applications. Education Nest J2EE training course can help individuals improve their Java programming skills and gain expertise in building enterprise-level applications. J2EE is a popular platform used by many organizations, and a J2EE

certification can help individuals advance their career prospects by making them more marketable in the job market. J2EE training can help organizations increase the productivity of their developers by equipping them with the necessary skills to build efficient and scalable enterprise-level applications.

Who should learn:

- Java developers
- Web developers
- Programmers
- Web designers
- Database administrators

Why do you need J2EE Training Course?

Average Salary Growth:

According to the data from PayScale as of April 2023, the average salary for a J2EE developer in the United States is around \$86,000 per year. However, this can vary widely depending on factors such as the developer's location, years of experience, and skill level. In terms of salary growth, J2EE developers can expect to see their salaries increase by approximately 5-10% each year, depending on their performance and the company's financial situation.

Industries:

The demand for J2EE developers is likely to remain high, as the need for enterprise-level software systems continues to grow. Skilled J2EE developers who stay up-to-date with the latest technologies and trends in the industry are likely to be in high demand by MNCs and other organizations. Some of the top MNCs that have a high demand for J2EE developers include IBM, Accenture, Infosys, TCS, Wipro, and Capgemini. These companies often require J2EE developers to work on large-scale projects, such as developing enterprise-level web applications, building e-commerce platforms, and designing and implementing complex software systems.

Position in Market:

According to the United States Bureau of Labor Statistics (BLS), employment of software developers, including J2EE developers, is projected to grow 22 percent from 2019 to 2029, which is much faster than the average for all occupations. The demand for software developers, including J2EE developers, is being driven by the increasing use of technology in various industries, including healthcare, finance, and retail. As companies continue to adopt new technologies and expand their digital presence, the need for skilled software developers is expected to increase.

Designations:

- Java Developer
- J2EE Developer
- Software Developer
- Application Developer
- Java Application Developer
- Java Software Engineer
- Java Enterprise Developer
- Java Web Developer

Why J2EE Course from Education Nest

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**
- **Flexible Schedules**
- **24x7 Support**
- **One on One Doubt Clearing**
- **Real Time Project-Based Learning**
- **Certificate Oriented Curriculum**

Key Skills Covered:

- Web Programming
- Java
- HTML
- Web Page

J2EE Training Course Syllabus

J2EE

- J2EE Overview
- J2EE Architecture
- Introduction to J2EE Components Containers and Connectors
- J2EE Modules (Web App, EJB JAR, App Client)
- Structure of J2EE Application (Enterprise Archive)
- Packaging and Deploying J2EE Applications Servlets

Servlet

- Servlet as an improved CGI
- Servlet Fundamentals/API
- Generic Servlet & HTTP Servlet Responding to HTTP
- POST/GET Interacting with internet
- Storing User data
- Developing and Deploying Servlets
- State Management using Cookies
- Session and Application Processing Form Data Management of Counters
- Servlet Chaining JSP (Java Server Pages)

JSP

- JSP Overview
- JSP Architecture Basics & Syntax
- JSP Directive Tags
- JSP Scriptlet Tags
- JSP Action Tags
- Using Java Beans from JSP
- JSP Tag Library BEA Web logic Server & Tomcat Server

Web & Application Servers

- Introduction to Web & Application Servers
- Architecture Deploying Procedures
- Server Configuration with Java Weblogic development
- Weblogic Builder Tomcat Plug-in Controls Enterprise Java Beans

Server-Side Components

- Introduction to Server-Side Components
- EJB Design Goals and Roles
- EJB Architecture Java RMI over IIOP
- Types of EJB Session Beans
- Entity Beans and Message Driven Beans
- EJB Container Services and Transactions
- Life Cycle Management
- State and Persistence of EJB Resource Management and Pooling Session Beans
- Designing and Developing Stateless Session Beans
- Designing and Developing Stateful Session Beans and XML
- Descriptor of Session Beans
- Deploying Session Beans and Entity Beans

- Designing Persistent Components, Finding Entity Beans Bean vs. Container Managed Persistence Understanding EJB 2.0 Container Managed Persistence (CMP) Struts
- MVC Overview and Struts Architecture Overview Components in Struts Base Framework

IDE's

- Eclipse
- NetBeans
- MyEclipse

Career Support

Profile Building :

Experienced professionals are available to offer tailored assistance in crafting your CV and online profiles, taking into account your unique educational and experiential background.

Interview Preparation :

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

Job Referrals :

At Education Nest, we receive a variety of job requirements from diverse sources such as organizations, our clients, HR consultants, and a vast network of Education Nest currently employed in different companies. We strive to meet these varied requirements to the best of our abilities.

Continuous Support :

We offer continuous support for as much time as you need it, and a considerable number of our learners receive multiple interviews offers and promising employment opportunities as a result of the abilities they gain during the program.