



Foxangle



CERTIFIED JAVA APPLICATION DEVELOPMENT

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for (It      or ite=sn.g   children   createI   rator());ite
fir         SyntaxNode c   (Syntax   ode)ite   xt(); }
```

ALL ABOUT JAVA

```
7/1000 handle st   c and t
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final C   s fullN   e = ccn.getT   nsChars
final C   s[] par   = fullName.   it('.')
```

JAVA IS A PROGRAMMING LANGUAGE AND COMPUTING PLATFORM FIRST RELEASED BY SUN MICROSYSTEMS IN 1995. THERE ARE LOTS OF APPLICATIONS AND WEBSITES THAT WILL NOT WORK UNLESS YOU HAVE JAVA INSTALLED, AND MORE ARE CREATED EVERY DAY. JAVA IS FAST, SECURE, AND RELIABLE. FROM LAPTOPS TO DATACENTERS, GAME CONSOLES TO SCIENTIFIC SUPERCOMPUTERS, CELL PHONES TO THE INTERNET, JAVA IS EVERYWHERE!

INDUSTRIES WHERE JAVA APPLICATION ARE USED

- Web front-end development (Applets)
- Web back-end development (Servlets)
- Stand alone windows based desktop Applications (GUI programming)
- Networking (Socket programming)
- Database based (accessing) applications (JDBC)
- Big Data (Hadoop)
- Mobile applications (Android)
- AI applications
- Embedded Systems
- Applications for Big Enterprises
- Games programming

GET TRAINED HERE &
BE YOUnique



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FUTURE OF JAVA DEVELOPER

Top organizations are Focusing on You!!



TATA CONSULTANCY SERVICES

Cognizant

Capgemini 



IBM

If one talks about job opportunities in field of Java, knowledge of it is required with lot of new technologies such as 'Java-UI Developers', 'Android Developers' and many others. Hence, there are numerous jobs opportunities available in Java, J2EE combining with other new technologies. These technologies are among the highest paid jobs in IT industry, as they come under software development. One should have the competent skills to get an employment with IT companies as many companies are looking for the professionals, who can manage multiple projects in J2EE and augments the industrial efficiency.

Government projects like Digital India and Demonetization surely will give rise to demand for Java Programmers in every company going digital.



Skill India
कौशल भारत - कुशल भारत

THE MAIN CONCERN SALARIES !

The average pay for a Java Developer is Rs 403,131 per year.



City ▾ Experience ▾ Skill ▾ Employer ▾ Job ▾

Salary	Rs 180,688 - Rs 926,997	
Bonus	Rs 1,468 - Rs 103,639	
Profit Sharing	Rs 0.00 - Rs 200,000	
Total Pay (?)	Rs 182,262 - Rs 978,043	

Country: India • Currency: INR • Updated: 18 Dec 2018 • Individuals Reporting: 3,989

Salaries may depends on the city, experience, and skill

WHAT YOU WILL LEARN IN THIS JAVA TRAINING COURSE?

CORE JAVA

- Introduction
- JVM,JDK,JRE
- Class Members
- Class,Object, Class Members
- Data Types
- Modifiers
- Constructor
- Garbage Collection
- Source File Layout
- Flow Control - Conditional and Looping Statements
- Arrays
- Object Oriented Features
 - Encapsulation
 - Inheritance
 - Polymorphism
 - Overloading and Overriding
- Abstract and Interface
- Keywords- this,static,final and super
- Object Wrapper Classes
- String Class with String Buffer and Builder
- Exceptions

- File I/O
 - What is Stream and Types of Stream
 - File Input and Output Stream and its Methods
 - File class with Command Line Arguments
- Threading
- Collection Framework with Generics
 - Collection API
 - List- Vector and ArrayList
 - Set - HashSet
 - Map - Hash Map
 - Generics with example
 - Comparator and Comparable
- Java Serialization and De serialization
- Java GUI using Swing with Event Handling

- RDBMS & Database Programming using JDBC
 - MySQL
 - DDL, DML, DQL, DCL
 - Constraints and Normalizations
 - Joins, index and Views
 - Procedures and Functions
 - Cursor and Triggers
 - Fundamentals of JDBC with Architecture
 - Types of Drivers
 - Steps of JDBC Connectivity using MySQL
 - Types of Statements and Metadata Interfaces
 - CRUD Operation using Swing

WEB TECHNOLOGIES IN JAVA

- Introduction of Web Designing Technologies [HTML & CSS]
- Introduction of Client side Scripting [JavaScript]
- Introduction of Client and Server Architecture
- HTTP overview with Client and Server Request and Response
- J2EE Architecture

- Web Component Development In Java
 - CGI Programming Process Advantage and Disadvantage
 - Servlet Programming
 - Servlet API with Types
 - Life Cycle
 - Servlet Components, Listeners, Attributes
 - Filters
- Java Server Pages Programming [JSP]
 - JSP Translation Process with Life Cycle
 - Types of Scriplate and Components
 - Directives, Implicit Objects and Action Tags
- JSTL & EL
 - Core Tag Library with EL
 - Custom Tags

ADVANCED JAVA

- Session Management
 - Session Management API
 - Session Tracing Technique
- MVC Design Pattern
- Introduction to Distributed Technologies in Java
- Developing Distributed Application using Restful Web Services
- **Hibernate Framework**
 - Fundaments of Hibernate with Architecture
 - Hibernate Configuration using XML
 - Hibernate CRUD Operation With XML
 - Hibernate CRUD Operation With Annotation
 - Types of Relations
 - One to one
 - One to Many
 - Many to One
 - Many to Many

- **Spring Core**

- Overview of Spring Framework
- Introduction of Spring Framework Architecture
- Spring IOC Container
- Spring Dependency Injection
- Spring Bean Definition
- Aspect Oriented Programming
- Spring DAO
- Spring ORM

- **Spring MVC**

- Introduction
- Request Flow
- Framework Initialization/Configuration
- Spring Configuration with Eclipse
- Spring Page Redirection
- Spring static page Redirection
- Spring Web Forms
- Spring Session Management
- Spring MVC integration with Hibernate using CRUD Operation
- Cloud Integration

Application Deployment

WHO SHOULD TAKE THIS COURSE?



Software
Developer



Under Graduate
and Graduate



Embedded
Developer



JAVA TRAINING CERTIFICATION



This training is based on the role a Java Developer performed in the industry. The candidates undergoing this training will get certificate which is recognized at National level. Candidates opting for Oracle certification will also receive an Oracle Certified Training Certificate.

CERTIFICATION:





PROJECT DEVELOPMENT



Hands on Experience of Project Development

Session wise Assignment



Hands on Experience of Each Topic with Practical Implementation.