

# BigJava



"After completing my engineering in Computer Science from JNTU Anantapur, I was quite eager to know about a career in Java and my uncle from Bangalore suggested me ASIT. From then on my journey to the world Java is been ravishing"

> **Jason Thomas** Make My Trip.com

#### **Program Highlights**

- 240+ Hrs Technical Training
- 40+ Hrs Aptitude Training
- 30+ Hrs PD Training
- 20 Hrs of Project Training
- Career Readiness Certificate
- 100% Placement Assistance Guaranteed\*
- **Books & Study Material**

# Push yourself and win your career as Java Developer with ASIT.

You have a choice: you can wade your way through clumsy and perplexed tutorials, or you can opt for this course and get to the heart of what you need to know when you need to know it.

#### About the Course

With the 400+ hours and A to Z training on Java, this course perfectly suits Java developer aspirants. Topics covered: C, C++, Core Java 8, JEE (Advanced java) 7, Oracle SQL, Spring, and Hibernate with this you gain expertise over java and its frameworks. The course makes you aware of the technology as professional and it makes you understand how to put them to work for you.

#### Who should go for the course?

This course is designed keeping Computer science and Electronic Engineers in mind and for all those professionals aspiring to become Java Developers, Programmers, Web Developers, Web Designers, Programming Hobbyists and Database Administrators.

#### Pre-requisites for training

The course suits people who want to make their career as Java Developer. Any graduate interested can join this course without having any prior knowledge of any programming language.

#### Certification

Upon completion of the course the attendees would be rewarded with certification from ASIT. Certification makes difference; it proves, the candidate has gained the potential under experts and has deep knowledge about the subject.

## Career opportunities

After acquiring knowledge and getting certified the attendees can join MNC's with average salary expectation of approx. 3 lacs. /Annum (Courtesy Payscale).

#### 100% Placement Assistance Guaranteed

To further increase your Career opportunities we have partnered with organisations of National repute, which are dedicatedly catering to fresher's placement like AMCAT, Firmnxt.com & Freshersworld.com.

\*T&C apply









# Content



#### Duration: 240+ Hrs.

#### Core Java

The History and Evolution of Java, An Overview of Java

Data Types, Variables, and Arrays

Operators, Control Statements, Introducing Classes

A Closer Look at Methods and Classes Inheritance, Packages and Interfaces

**Exception Handling** 

Multithreaded Programming

Enumerations, Autoboxing, and Annotations

(Metadata)

I/O, Applets, and Other Topics Generics, Lambda Expressions String Handling, Exploring java.lang

java.util Part 1: The Collections Framework

java.util Part 2: More Utility Classes Input/Output: Exploring java.io

Exploring NIO, Networking

The Applet Class, Event Handling

Introducing the AWT: Working with Windows, Graphics,

and Text

Using AWT Controls, Layout Managers, and Menus

Images, The Concurrency Utilities

The Stream API, Regular Expressions and Other

**Packages** 

Introducing Swing, Exploring Swing

Introducing Swing Menus, Introducing JavaFX GUI

Programming

**Exploring JavaFX Controls** Introducing JavaFX Menus Java Beans, Introducing Servlets

#### **Oracle SQL**

Core SQL

**SQL** Execution

Access and Join Methods

**SQL** is About Sets SQL Execution Plans,

**Advanced Grouping** 

**Analytic Functions** 

The Model Clause

Indexes

Beyond the SELECT

**Transaction Processing** 

## JEE (ADV JAVA)

Getting Started with Web Applications, Java

Servlet Technology

Java Server Pages Technology, Java Server Pages

**Documents** 

Java Server Pages Standard Tag Library, Custom

Tags in JSP Pages

Scripting in JSP Pages

Java Server Faces Technology, Using Java Server Faces Technology in JSP Pages Developing with

Java Server Faces Technology

Creating Custom UI Components, Configuring Java

**Server Faces Applications** 

Internationalizing and Localizing Web Applications

**Building Web Services with JAX-WS** 

Binding between XML Schema and Java Classes

Streaming API for XML

SOAP with Attachments API for Java

**Getting Started with Enterprise Beans** 

Session Bean Examples, A Message-Driven Bean

Example

Introduction to the Java Persistence API

Persistence in the Web Tier

Persistence in the EJB Tier

The Java Persistence Query Language

Introduction to Security in the Java EE Platform,

Securing Java EE Applications

**Securing Web Applications** 

The Java Message Service API

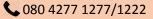
Java EE Examples Using the JMS API

**Transactions** 

**Resource Connections** 

**Connector Architecture** 







### **Spring**

Your First Spring Application, Working with Classes and Dependencies, Applying Different Configurations Using Beans Scopes, Working with Collections and Custom Types, Using Resource Files Testing Your Spring Application, Adding Persistence to Your Spring Application Showing Your Spring Application on the Web, Integrating Your Spring Application with External Systems

Exposing a REST API, Adding E-mail and Scheduling Tasks, Using Dynamic Languages Spring Data within Your Spring Application, Messaging with Your Spring Application Be Social and Go Mobile, Spring and Groovy Spring Boot, Simplifying Everything, Your First Spring **XD** Application

#### Hiberante

An Introduction to Hibernate 4.2 Integrating and Configuring Hibernate **Building a Simple Application** The Persistence Life Cycle An Overview of Mapping, Mapping with Annotations JPA Integration and Lifecycle Events

Using the Session Searches and Queries **Advanced Queries Using Criteria** Filtering the Results of Searches Leaving the Relational Database Behind: NoSQL

