

# NEXT IT CAREER

## JAVA FULL STACK



# JAVA FULL STACK COURSE CONTENT

<b>Java Concepts</b>	<ol style="list-style-type: none"><li>1. Core Java</li><li>2. Java 8 features &amp; latest</li><li>3. Advanced Java</li><li>4. Spring</li><li>5. Spring Boot</li><li>6. ORM( Hibernate &amp; JPA)</li><li>7. Web Services</li><li>8. Angular</li><li>9. Micro Services</li><li>10. Sql Basics</li><li>11. Maven</li><li>12. Git</li><li>13. Agile</li><li>14. PostMan</li><li>15. Swagger</li><li>16. Tomcat</li><li>17. IDE</li></ol>
<b>Language Fundamentals</b>	<ul style="list-style-type: none"><li>• Identifiers</li><li>• Data Types</li><li>• Reserved Words</li><li>• Arrays</li><li>• Variables</li><li>• Var arg method</li><li>• Main method</li><li>• Command line arguments</li><li>• Java Coding standards</li></ul>
<b>Java Source File Structure</b>	<ul style="list-style-type: none"><li>• What is class ?</li><li>• What is Object</li><li>• What is impot statements?</li><li>• What is methods ?</li><li>• What is constructor ?</li><li>• What is blocks ?</li><li>• Packages</li></ul>
<b>Access Modifiers</b>	<ul style="list-style-type: none"><li>• Public</li><li>• Private</li><li>• Default</li><li>• Protected</li><li>• Abstract</li><li>• Final</li><li>• Static</li><li>• Strictfp</li></ul>

	<ul style="list-style-type: none"> <li>• Transient</li> <li>• Volatile</li> <li>• Synchronized</li> <li>• Native</li> </ul>
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• Declarations</li> <li>• Extends vs Implements</li> <li>• Adapter classes</li> <li>• Marker interfaces</li> <li>• Abstract vs interfaces</li> </ul>
<b>Operators &amp; Assignments</b>	
<b>Control flow Statements</b>	<ul style="list-style-type: none"> <li>• If statement</li> <li>• Else</li> <li>• If else</li> <li>• Switch</li> <li>• While</li> <li>• Do-while</li> <li>• For</li> <li>• For-each</li> <li>• Break &amp; continue</li> </ul>
<b>OOPs</b>	<ul style="list-style-type: none"> <li>• Data hiding</li> <li>• Abstraction</li> <li>• Encapsulation</li> <li>• Inheritance</li> <li>• Polymorphism</li> <li>• Overloading</li> <li>• Overriding</li> <li>• Typecasting</li> <li>• Static control flow</li> <li>• Instance control flow</li> </ul>
<b>Exception Handling</b>	<ul style="list-style-type: none"> <li>• Try</li> <li>• Catch</li> <li>• Finally</li> <li>• Throw &amp; throws</li> <li>• Checked &amp; unchecked</li> </ul>
<b>Exceptions</b>	<ul style="list-style-type: none"> <li>• Try with resources</li> <li>• Customized exceptions</li> </ul>

<p><b>Multi Threading</b></p>	<ul style="list-style-type: none"> <li>• Thread</li> <li>• Runnable</li> <li>• Yield()</li> <li>• Join()</li> <li>• Sleep()</li> <li>• Notify()</li> <li>• notifyAll()</li> <li>• Synchronization</li> </ul>
<p><b>Inner classes</b></p>	
<p><b>Java.lang package</b></p>	<ul style="list-style-type: none"> <li>• Object class</li> <li>• Hashcode</li> <li>• Equals() method</li> <li>• String</li> <li>• String buffer</li> <li>• String Builder</li> </ul>
<p><b>File Input/output Streams</b></p>	<ul style="list-style-type: none"> <li>• Exception</li> <li>• Exception Handling</li> <li>• Except clause</li> <li>• Try ? finally clause</li> <li>• User Defined Exceptions</li> </ul>
<p><b>Serialization</b></p>	
<p><b>Collections (all sub concepts)</b></p>	<ul style="list-style-type: none"> <li>• Collection</li> <li>• List</li> <li>• Set</li> <li>• Map</li> </ul>
<p><b>Java 8 Features</b></p>	<ol style="list-style-type: none"> <li>1. Functional Interfaces</li> <li>2. Lambda Expressions</li> <li>3. Interfaces Enhancements</li> <li>4. Stream API</li> <li>5. Date &amp; Time API</li> <li>6. Optional Class</li> </ol>
<p><b>Front end Coding</b></p>	<ol style="list-style-type: none"> <li>7. HTML</li> <li>8. CSS</li> <li>9. Angular JS</li> <li>10. Java Script</li> </ol>

## **INTERVIEW QUESTIONS.**

**Note:** We will explain you with real time project and we will use all above mentioned technologies to complete some small projects with real practices.  
Will provide interview tips for both fresher & experience  
Will provide all the interview questions list.

**Duration** : 90 days || **Online & Offline**

**Location** : Hyderabad, KPHB

## **Project Orientation Program**

# **100% JOB ASSISTANCE PROGRAM**

**Contact: 7013123485**

