



**AGILE
IT TECH**

JAVA



CURRICULUM

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ONLINE COURSE

COURSE FEATURES :

1. **Course Duration:** 30-32 Hours (approx.)
2. **Category:** Java
3. **Available Modes:** Online (Batch or One on One)
4. **Certificate:** Yes
5. **Location:** Online – Live Sessions
6. **Language:** English
7. **Sessions:** Weekday and Weekend
8. **Prerequisites:** No
9. **Skill Level:** Beginner
10. **Course Capacity:** 20
11. **Start Course:** To be announced

Description :

Java is a versatile, high-level programming language used to build robust, scalable, and secure applications. Renowned for its platform independence, Java allows developers to write code once and run it anywhere, making it ideal for a wide range of applications from web and mobile development to enterprise solutions and big data technologies. Our skilled Java developers leverage the language's powerful features and extensive libraries to create efficient, high-performance applications tailored to meet your business needs. Whether you're looking to develop innovative software solutions or maintain existing systems, our Java expertise ensures your projects are delivered with precision and excellence.

Course Content:

1. Java Fundamentals:

- Introduction to Java basics
- The various components of Java language
- Data types
- Operations
- Compilation process
- Class files & loops
- Conditions

2. OOPs:

- What is OOPs?
- Abstraction
- Attributes, Methods, Constructors
- Inheritance, Encapsulation
- Polymorphism

3. Java Collections

- Writing codes in Java
- Using Wrapper classes
- Collections
- Array List
- TreeSet & HashMap

4. Java Packages:

- Java Packages
- Interfaces
- Exception Handling
- Multi-threading
- Extending Thread Class
- Synchronizing the Thread

5. Introduction to XML:

- The fundamentals of Extensible Markup Language
- Storing and Transferring data
- Writing a XML file

6. Java Servlets

- What is a Java Servlet?
- Capability of the web server
- Dynamic java web content
- The HTTP and Generic Servlets
- Servlet request dispatchers

Thank You