ihub
INNOVATIVE PLACEMENT SOLUTIONS
powered by
QualityThought®

Creating your **Secure Future** *together!!*

📞 **91601 87346**

Full Stack JAVA
⚛ **React** + **Cloud aws**

15,000+ Students Trained

300+ Placement Companies

5000+ Students Placed

5 Years of Student Trust

Most Demanded Language for Freshers

It is User Understandable Language

Excellent Future Scope and Package

Widely used Language in IT Industry

INTERNSHIP

- ▶ Project Intro
- ▶ Architecture
- ▶ Modules
- ▶ Functional Flow
- ▶ Technical Flow
- ▶ Backend
- ▶ Frontend
- ▶ Integration
- ▶ Testing
- ▶ Deployment

JOB ORIENTED INTENSIVE PROGRAM
20+ REAL-TIME PROJECT

6 Hours Training

Internship

Aptitude / Softskills

Mock Interviews

Resume Building

Interview Readiness Program

Key Facts of iHub

Job Oriented Intensive Program (JOIP)

Internship from Software Company

Training by Realtime Industry Experts

Tie Up With 200+ Companies

5000+ Students Placed at Different Levels

15,000+ Students Trained

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iHub Talents Core and advanced Java course is aligned to Industry standards developed by leading Java Experts. This course aims to make you master all the Core and Advanced level skills in the Java and various technololgies involved in the field of Java

Fullstack

COURSE DURATION	SESSION HOURS
90 DAYS	**180 HOURS**

KEY HIGHLIGHTS

- ↗ Institute backed by strong IIT alumina Team
- ↗ More than 10,000 + success stories created
- ↗ Partnered and serving 100+ clients right from the inception of the firm
- ↗ Parent company Quality Thought No #1 providing placements since 2010
- ↗ Experienced IT Architects, subject matter experts as advisory in the board
- ↗ Guaranteed Internship Opportunity (3 to 6Months) for every participant
- ↗ Backed by strong Internal human resource team enabling quick placements
- ↗ Special guidance to students to win jobs with highest packages

TRAINING HIGHLIGHTS

- ↗ Industry ready course roaster designed by architects and subject matter experts
- ↗ Proven content, creating gateway to world of Job opportunities
- ↗ Practical & detailed approach, everyone can understand and perform to excel
- ↗ Subject matter experts as trainers
- ↗ Not just learning, Learn by doing methodology
- ↗ Access to Instant recorded live Class videos shared
- ↗ Personalized attention and guidance to accelerate the learning
- ↗ Member access to private group to get instant doubt clarifications
- ↗ Guest lectures from leading MNC Companies

Core Java

a) Basic Introduction of Java
- ↗ Programming Language
- ↗ Modules In Java
- ↗ History of Java
- ↗ Internal Architecture of JVM
- ↗ Naming Conventions
- ↗ Identifiers
- ↗ Reserved Words
- ↗ Data-types
- ↗ Types of variables
- ↗ var-arg method
- ↗ Main method
- ↗ System.out.println()
- ↗ Command line arguments
- ↗ Java Source File Structure
- ↗ Types of Blocks in Java
- ↗ Type casting in Java
- ↗ Fully Qualified Name
- ↗ Import Statements
- ↗ Control-Statements.
- ↗ Arrays.

b) OOPS
- ↗ class
- ↗ object
- ↗ Data Hiding
- ↗ Abstraction
- ↗ Encapsulation
- ↗ Is-A relationship
- ↗ Has-A relationship
- ↗ Types of inheritance
- ↗ Method Overloading
- ↗ Method Overriding
- ↗ Method Hiding
- ↗ Polymorphism
- ↗ Constructors
- ↗ this keyword
- ↗ super keyword
- ↗ Interfaces
- ↗ Abstract classes
- ↗ Wrapper classes
- ↗ What is API?
- ↗ Packages
- ↗ Enum
- ↗ Inner classes
- ↗ String
- ↗ StringBuffer
- ↗ StringBuilder
- ↗ StringTokenizer

c) Exception Handling
- ↗ Exception vs Error
- ↗ Types of Terminations
- ↗ Exceptions Hierarchies
- ↗ try block
- ↗ catch block
- ↗ finally block
- ↗ throw statement
- ↗ throws statement
- ↗ custom exceptions in java

d) java.io package
- ↗ File
- ↗ FileWriter
- ↗ FileReader
- ↗ BufferedWriter
- ↗ BufferedReader
- ↗ PrintWriter
- ↗ Various ways to provide inputs

e) Collections
- ↗ What is Collection?
- ↗ List interface
- ↗ Set Interface
- ↗ Map interface
- ↗ Types of cursors in Java

f) Multi-Threading
- ↗ Thread vs Process
- ↗ Multi-Tasking
- ↗ Multi-Threading
- ↗ Ways to start a thread in java
- ↗ Setting and Getting name of a thread
- ↗ Thread priority
- ↗ Various methods to prevent a thread from execution
- ↗ Daemon Thread
- ↗ Synchronization
- ↗ Types of synchronization
- ↗ Inter-Thread communication
- ↗ DeadLock in Java

g) Java 1.8 Features
- ↗ Functional Interface
- ↗ Lamda Expression
- ↗ java.time package
- ↗ default and static methods in interface
- ↗ Stream API

Oracle

a) SQL

- ↗ Types of Data
- ↗ Introduction to Oracle
- ↗ Tables, DBMS, RDBMS
- ↗ DDL commands
- ↗ DML commands
- ↗ DRL commands
- ↗ DRL commands with where clause
- ↗ TCL commands
- ↗ DCL commands
- ↗ Operators in SQL
- ↗ Group by , Having and order by clause
- ↗ Integrity constraints
- ↗ Types of constraints
- ↗ Joins
- ↗ Sub Queries
- ↗ Sequences
- ↗ Synonyms
- ↗ Pseudo columns
- ↗ Indexes

b) PL/SQL

- ↗ Introduction to PL/SQL
- ↗ Control statements in PL/SQL
- ↗ LOOPS in PL/SQL
- ↗ DML operations in PL/SQL
- ↗ DRL operations on PL/SQL
- ↗ Exception Handing
- ↗ Cursors
- ↗ Procedures
- ↗ Functions
- ↗ Packages
- ↗ Triggers

Advanced Java

a) JDBC

- ↗ Introduction to JDBC
- ↗ JDBC Drivers Architectures
- ↗ Files vs Database
- ↗ Connection object
- ↗ Types of Statement objects
- ↗ Types ResultSet objects
- ↗ Select query executions
- ↗ Non-select query executions
- ↗ Working with Date values
- ↗ Working with LOB values
- ↗ DatabaseMetadata
- ↗ ResultSetMetaData
- ↗ Batch Processing
- ↗ Transaction Management

b) Servlets

- ↗ What is web application?
- ↗ What is web resource program?
- ↗ What is web container?
- ↗ Sample web application creation
- ↗ Types of url patterns
- ↗ MIME Types
- ↗ Types of Communications
- ↗ Servlet Filters
- ↗ Servlet Life cycle methods
- ↗ ServletConfig object
- ↗ ServletContext object
- ↗ Stateless Behavior of web application
- ↗ Session Tracking

c) JSP

- ↗ Introduction to JSP
- ↗ JSP life cycle
- ↗ JSP Tags
- ↗ JSP to Database communication
- ↗ JSP to Java Bean communication
- ↗ JSP implicit objects
- ↗ JDBC Connection pooling
- ↗ JSP MVC Architecture
- ↗ Working with IDE's

d) Servers

- ↗ Tomcat Server
- ↗ Web Logic Server

e) **IDE's**
  - ↗ Eclipse
  - ↗ NetBeans

f) **Real tools**
  - ↗ GIT/GITHUB
  - ↗ Maven/Gradle
  - ↗ Junit

g) **SDLC**
  - ↗ What is SDLC
  - ↗ Types of phases in SDLC

h) **Project**
  - ↗ Module 1
  - ↗ Module 2

Java Framework: Spring Boot

a) **Introduction**
  - ↗ Spring vs Spring Boot
  - ↗ Spring Modules overview
  - ↗ Spring MVC architecture
  - ↗ What is Spring Boot
  - ↗ Advantages of Spring Boot
  - ↗ Spring Boot Architecture
  - ↗ Spring Boot Application using Initializr
  - ↗ Spring Boot Application using STS IDE.
  - ↗ Spring Boot Annotations
  - ↗ Properties file vs YAML file
  - ↗ Spring Boot starters
  - ↗ Spring MVC Application

b) **Spring Data JPA**
  - ↗ Introduction
  - ↗ Features of spring data JPA
  - ↗ Working with H2 database
  - ↗ Working with MySQL database
  - ↗ Project Lombok
  - ↗ CURD operations
  - ↗ Exception Handling in Spring Boot
  - ↗ RestTemplate
  - ↗ WebClient
  - ↗ Flyway Database Migration
  - ↗ Spring Boot Caching
  - ↗ Swagger
  - ↗ Spring Boot Actuators
  - ↗ Spring Security
  - ↗ Authentication
  - ↗ Authorization

Java Framework: Spring Micro-services

a) **Introduction**
  ↗ Monolithic Architecture
  ↗ Micro Service Architecture
  ↗ Creating micro services using spring boot
  ↗ Micro service communication
  ↗ Spring Cloud API Gateway
  ↗ Service Registery (Eureka Server)
  ↗ Hystrix in microservices
  ↗ Loading Balancing using Ribbon.
  ↗ Zipkin and Slueth
  ↗ CloudConfig

b) **IDE's**
  ↗ Spring Tool Suit (STS)
  ↗ Intellj

c) **Embedded Servers**
  ↗ Tomcat, Jetty, Undertow

d) **Embedded Databases**
  ↗ H2 , HSQL, Derby

e) **Tools**
  ↗ POST MAN

HTML-5

a) **Introduction**
  ↗ What is HTML5?
  ↗ Types of Browsers?
  ↗ Types of Search Engines?
  ↗ What is Web site?
  ↗ What web page?
  ↗ Simple HTML skeleton program
  ↗ Comments in Java
  ↗ HTML5 Meta Tags
  ↗ HTML Basic Tags
  ↗ Phrase Tags in Html5
  ↗ HTML Colors
  ↗ HTML Images
  ↗ HTML Hyperlinks
  ↗ List in HTML
  ↗ HTML Tables
  ↗ Block Elements vs Inline Elements
  ↗ HTML forms
  ↗ GET vs POST methodology
  ↗ HTML datalist Tag
  ↗ Frames
  ↗ <iframe> tag
  ↗ HTML Audio
  ↗ HTML Video
  ↗ Graphics in HTML
  ↗ HTML Layouts

b) **Editors**
  ↗ NotePad
  ↗ NotePad++

CSS-3

a) Introduction
- ↗ What is CSS?
- ↗ Types of CSS?
- ↗ CSS background property
- ↗ CSS borders
- ↗ CSS margins
- ↗ CSS paddings
- ↗ CSS ID selector
- ↗ CSS Class selector
- ↗ CSS Height and Width
- ↗ CSS overflow property
- ↗ CSS border-radius property
- ↗ CSS box-shadow property
- ↗ CSS float property
- ↗ CSS List property
- ↗ CSS tables
- ↗ CSS display property
- ↗ CSS transform property
- ↗ CSS transition property
- ↗ CSS position property

b) CSS Design Work
- ↗ CSS Design 1
- ↗ CSS Design 2
- ↗ CSS Design 3

c) Editors
- ↗ Sublime

JavaScript

a) Introduction
- ↗ Java vs JavaScript
- ↗ Features of JavaScript
- ↗ Types of JavaScript
- ↗ Output statements in JavaScript
- ↗ JavaScript Engine
- ↗ JavaScript Comments
- ↗ JavaScript variables
- ↗ JavaScript LOOPS
- ↗ JavaScript Functions
- ↗ BOM (Browser Object Model)
- ↗ DOM (Document Object Model)
- ↗ JavaScript Date objects
- ↗ JavaScript Form Validation
- ↗ JavaScript Events
- ↗ JavaScript Regular Expression

b) Editor
- ↗ VSC (Visual Studio Code)

c) Task
- ↗ Task 1
- ↗ Task 2
- ↗ Task 3

bootstrap-4

a) Introduction
- ↗ What is Bootstrap
- ↗ Advantages of Bootstrap
- ↗ Bootstrap colors
- ↗ Bootstrap borders
- ↗ Bootstrap backgrounds
- ↗ Bootstrap border-radius
- ↗ Bootstrap sizing
- ↗ Bootstrap spacing
- ↗ Bootstrap Margin
- ↗ Bootstrap Containers
- ↗ Bootstrap Grid System
- ↗ Bootstrap Tables
- ↗ Bootstrap Images
- ↗ Bootstrap Jumbotron
- ↗ Bootstrap Alerts
- ↗ Bootstrap Progress Bar
- ↗ Bootstrap Pagination
- ↗ Bootstrap List Groups
- ↗ Bootstrap Collapse plugin
- ↗ Bootstrap Glyphicons
- ↗ Bootstrap navbar
- ↗ Bootstrap Form layouts
- ↗ Bootstrap Carousel

b) Designs
- ↗ Designs 1
- ↗ Designs 2
- ↗ Designs 3

React/ReactJS

1.React Introduction

2.Advantages of React

3.JSX Introduction

4.Expressions in JSX

5.JSX elements

6.React virtual DOM

7.First application development in react

8.React project structure explanation

9.React Fragment

10.Components in React

11.Function component vs Class component

12.Props

13.State

14.Composing component

15.CSS in React

16.Type checking in props

17.ReactJS vs React Native

18. ReactJS vs AngularJS

19.Event Handing in React

20.Update state using event handling

21.Phases of components in react

22.Life cycle methods in react

23.Hooks introduction

24.Predefined hooks

25.Custom hooks

26.React Router

27.Lists in React

28.Key in React

29.Assets in React

30.Bootstrap in React

31.React Forms

32.Axios

33.ReactJS + NodeJS + MYSQL database integration

React Redux

AWS - Amazon Web Services

1. Types of Applications
2. PC vs Server
3. Need of Cloud Infrastructure
4. What is Cloud Computing
5. What is AWS? And Why to choose AWS
6. How to create an account in AWS
7. What an Operating System and its types
8. Importance of Linux in Cloud Environment
9. How to create a Linux server in AWS
10. Putty vs Xshell
11. AWS EC2 Instance
12. Types of instances in AWS
13. AWS Tenancy
14. AWS Launch Template
15. AWS EBS volumes
16. Need of Elastic IP Address
17. AWS RDS service for JDBC Application?
18. How to deploy web application in AWS Elastic Bean Stalk
19. AWS S3 service
20. How to deploy spring boot application in AWS Cloud

Communication Skills

Roots of Communication	LSRW	Mastering Helping Verb And Main Verb
	7 Cs of Communication	
Roots of Grammar	Parts of Speech	
	Sentence Structure Development	
	Tense Logic	
	Worksheet Sessions	
Speech Intelligence	Vocabulary Development	
	Usage of words	
	Group Discussions	
	JAMS	
	Debates	
	Public Speaking	
Personality Development	Imagination and Innovation Training	
	Centralized Brain Storming	
	Problem Solving Skill s	
	Decision Making	
Mangement Skills	Time Management	
	Team Building	
	Task Management	
	Leadership Skills	
Interview Skills	Employbility	
	Think like a Professional	
	Clearing HR Rounds	
	Salary Negotiation	
	Bond Negotiation	
Presentation Skills	Research Skills	Dream Company Reading Skillls Comprehension Skills
	Public Speaking	
	Visualization	
	White Board Presentation	
	Mastering Powerpoint	
	Content Creation	
Personality Development	Mind Mapping	
	Role plays	
	Mock Interview on the Hot Seat	
	Listening Skills	
	Critical Thinking	
	Thought Analysis	
	SWOT Analysis	

Aptitude & Reasoning

Quantitative

⇨ **Basic Maths**

⇨ **Algebra**

⇨ **Percentages**

⇨ **Profit And Loss**

⇨ **Discounts**

⇨ **Averages**

⇨ **Time and Work**

⇨ **Chain Rule**

⇨ **Pipes and Cisterns**

⇨ **Ratios**

⇨ **Proportions**

⇨ **Partnerships**

⇨ **Time and Distance**

⇨ **Trains**

⇨ **Boats and Streams**

⇨ **Simple Interest**

⇨ **Compound Interest**

Data Interpretation

⇨ Bar Charts

⇨ Line Charts

⇨ Pie Charts

⇨ Table Charts

Reasoning

⇨ Directions

⇨ Letter Series

⇨ Number Series

⇨ Coding - Decoding

⇨ Blood Relations

⇨ Statement and Assumption

⇨ Analogy

⇨ Odd Man Out Series

⇨ Venn Diagrams

⇨ Mirror Images

⇨ Water Images

⇨ Arranging in Order

⇨ Paper Folding / Cutting

⇨ Grouping

⇨ Counting the figures

⇨ Clocks

⇨ Calenders

⇨ Seating Arrangements

⇨ Syllogism

⇨ Puzzles

Our Students Got Placement at

- TATA CONSULTANCY SERVICES (tcs)
- Capgemini
- LTIMindtree
- accenture
- 66degrees
- AFFINE COMMAND THE NEW
- High Noon Consulting
- AGILISIUM BIG ON CLOUD. BIG ON DATA.
- ALTIMETRIK
- brillio
- CGI
- CISCO
- Cloud4C TIER 4 CLOUD
- amazon
- CLOUD9
- CloudCover
- Coforge
- Cognizant
- Convergytics
- CSS CORP
- Medtronic
- databricks
- dataflex
- DXC TECHNOLOGY
- Deloitte.
- EMIDS
- Foray
- STIC Soft When you need the results
- genpact
- HCL
- HSBC
- I2O
- IBM
- INFINITY DESIGN
- CAPRUS IT UNLOCKING SMART SOLUTIONS
- Infosys
- Legato
- MINDGRAPH
- Mindtree
- motivitylabs Innovation as a Service
- photon
- meslová
- pwc
- quantiphi
- RENAULT Passion for life
- SIGMASOFT Virtual Molding
- SOFTILITY
- syren cloud
- splashBI
- TIGER ANALYTICS
- wipro
- ENVISION
- virtusa
- ValueLabs
- zensor
- SOLIX Empowering Data Management
- JRD SYSTEMS
- ValueLabs
- archents
- magnasoft
- Innominds Powering the Digital Next
- techforce.ai
- techolution
- SOLUGENIX
- Nendrasys Accelerating Business Transformation
- S&P Global
- Aadvi Tech Solutions
- i Prism Technologies
- ENVISION
- Sunseaz Technologies Pvt Ltd