



Transforming Aspirations into Achievement

JAVA + DSA

Master DSA with JAVA with Expert Guidance!

SELF-PACED | MENTOR LED | PROFESSIONAL





A Brief Story About The Company



ABOUT US

Our team is dedicated to empowering students with the skills needed to thrive in today's ever-evolving job market. We believe that staying ahead requires continuous skill development to meet industry demands.

At innoKNOWVEX, we bridge the gap between current capabilities and the expertise sought by leading organizations. Our platform offers industry-specific training in a professional setting, equipping students with the knowledge and practical skills essential for securing employment in their chosen fields.



About the Program

InnoKnowvex Edu Tech's 3-month program includes two months of industrial training with web development experts through live sessions & recorded materials.

The final month involves an individual project and a major project with affiliated companies, offering industry exposure and MNC work experience. This program prepares interns for successful careers in the field.

Modes of Training

★ SELF PACED

- Recorded Sessions with doubt-clearing opportunities
- Lifetime access to study material
- Training Certification+Internship Opportunity

★ MENTOR LED

- Live interactive sessions with doubt clearing
- Lifetime access to recordings
- Training Certification+Internship Opportunity

★ PROFESSIONAL

- Live interactive sessions with doubt clearing
- Lifetime access to recordings
- Training Certification+Internship Opportunity+placement assistance



FIRST TWO MONTHS

- Comprehensive industrial training from experts
- Live interactive sessions
- Lifetime access to session recordings
- Hands-on practice
- Mini-projects and exercises
- Real time engagement
- Immediate feedback
- Supportive learning environment
- Mentorship and peer collaboration
- Solid foundation
- Real-world projects in the internship phase

THIRD MONTH

Two key projects:-

1. Minor project focused on implementing and evaluating their skills independently.
2. Major collaborative project, providing industry exposure and experience in a multinational corporation environment.

***Interns work on real-world challenges under the guidance of experienced professionals, gaining valuable insights into industry practices while refining their technical skills. This hands-on experience prepares them for successful careers, giving them a competitive edge in the job market.**



Explore the **CAREER PATHS**

**Backend
Developer**

**Android
App
Developer**

**Full Stack
Java
Developer**

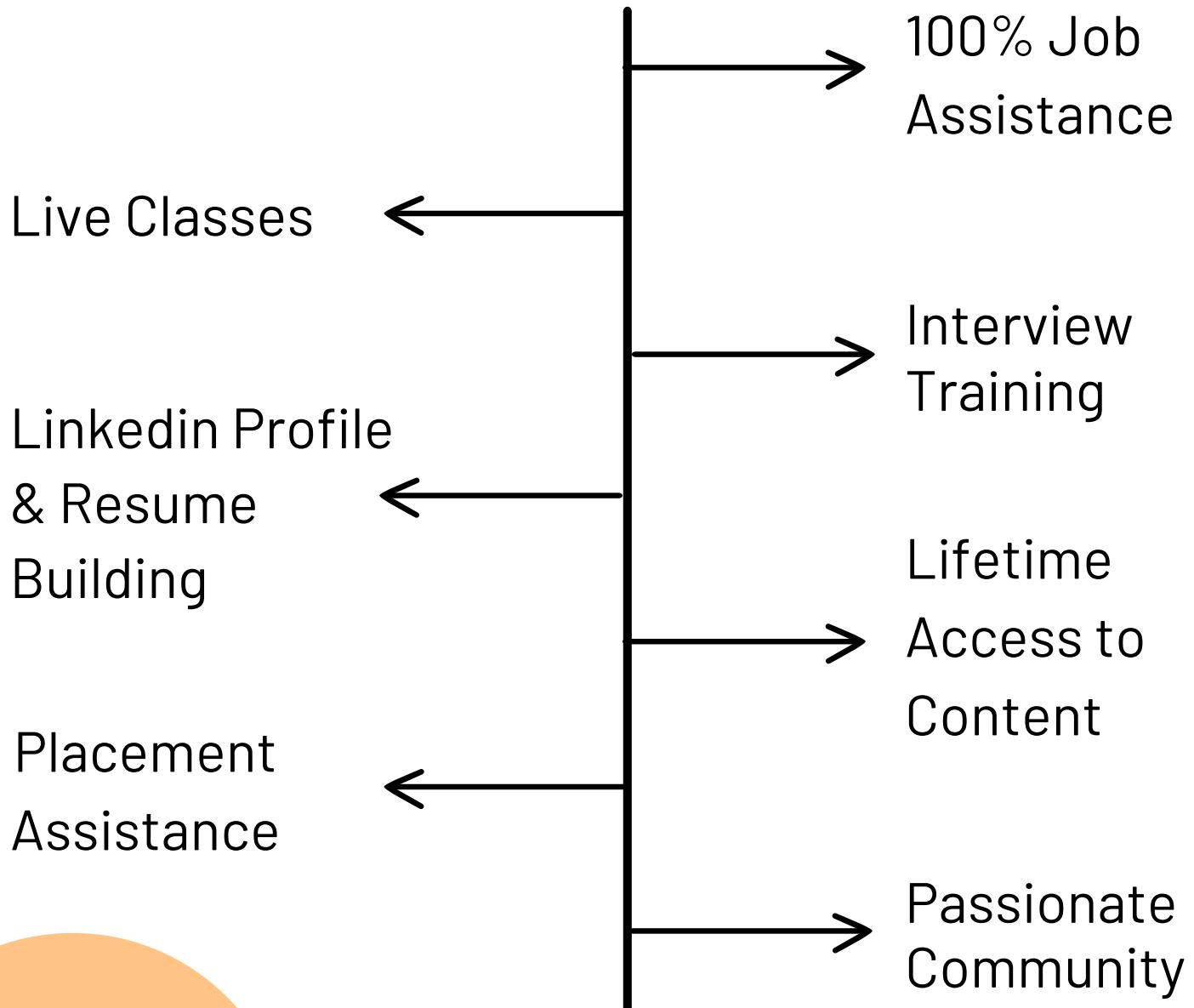
**Java
Software
Engineer**

**Cloud
Application
Developer**

**Enterprise
Application
Architect**

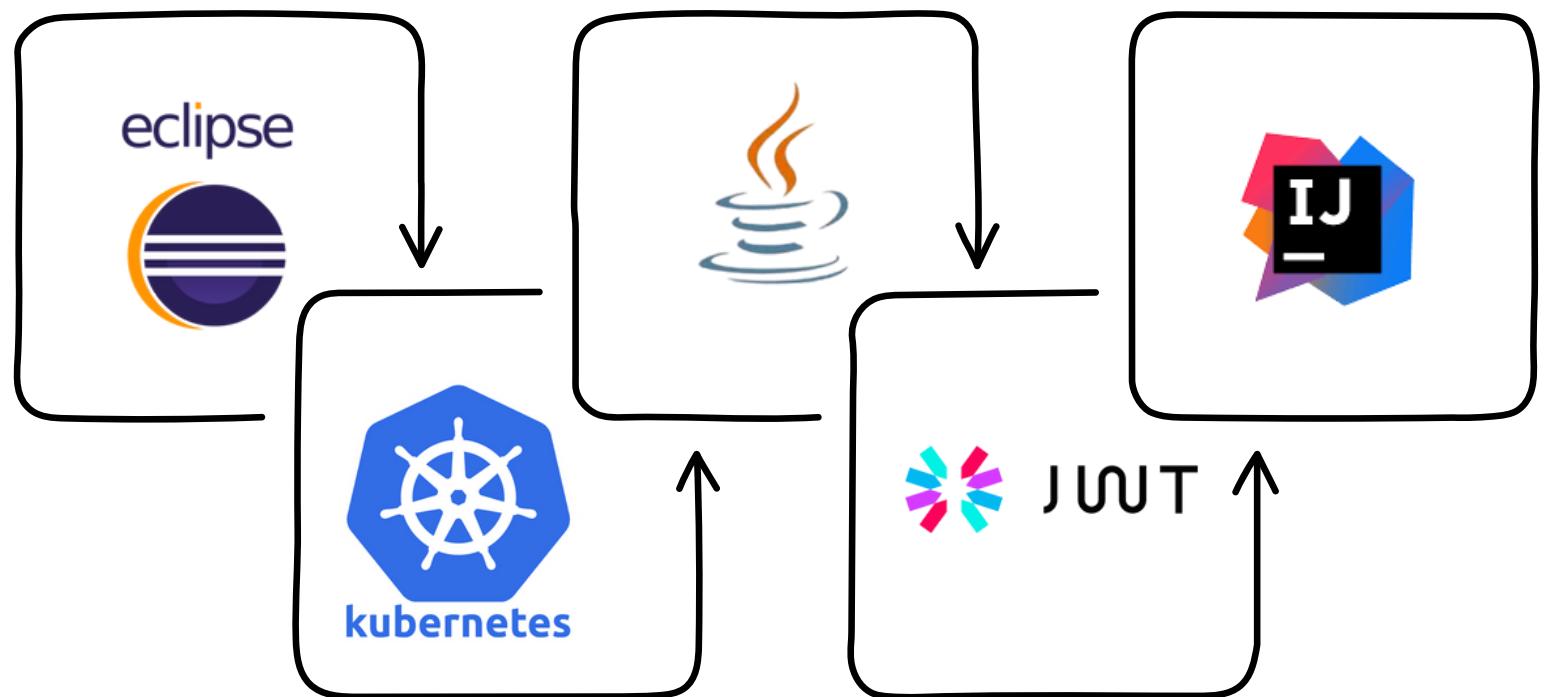


WHY US?



TOOLS

You will learn





KEY HIGHLIGHTS OF PROGRAM

Basic Syntax &
Structure

Primitive Data
Types

Variables &
Operators

Java Virtual
Machine (JVM)

Collections
Framework

Arrays

Multithreading

Object-Oriented
Programming

Interfaces &
Abstract Classes

Exception Handling &
Templates

Control Flow (if,
else, switch, loops)

Polymorphism



Course Curriculum

Week 1- Basic Mathematics and Arrays Fundamentals 01

- Basic Mathematics topics**
- Remove Duplicates from Sorted Array**
- Rotate an Array by K Positions**

Week 2- Array Manipulation &Introduction to Searching 02

- Reverse individual words/string**
- Linear search**
- Binary search**



Week 3 - Advanced Searching and Basic Sorting

03

- First & last occurrence of an element sorted array**
- Find the floor/ceil of an element in a sorted array**
- Bubble sort**
- Selection sort**



Week 4 - Selection sort

04

- Insertion sort**
- Merge sort**
- Quick sort**
- Sort an array with two/three types**



★ RESUME BUILDING WORKSHOP



Week 5 - Matrices

05

- Print a matrix in a snake pattern
- Matrix boundary traversal
- Transpose of a matrix
- Rotate a matrix
- Spiral traversal of a matrix



Week 6- Strings

06

- Palindrome check
- Check if a string is subsequence of other
- Check for anagram
- Reverse words in a string



Week 7 - Linked List Fundamentals

07

- Middle Node of the Linked List
- Nth Node of the Linked List
- Linked List in Reverse Order
- Nth node from the last



Week 8 - Linked List and Stack Basics

08

- Detect the loop in the linked list
- Reverse the linked list
- Implement two stacks in an array
- Reverse a string using Stack



★ SOFT SKILL DEVELOPMENT WORKSHOP



Week 9 - Stack Applications & Recursion Fundamentals

09

- Check if the given expression is balanced
- Evaluate the postfix expression using Stack
- Factorial and Fibonacci using recursion
- Display array in reverse order using recursion



Week 10 - Trees and Introduction to BST

10

- Tree traversal
- Height of binary tree Level order traversal
- Maximum in a binary tree
- Find Minimum/Size of BST



Week 11 - Binary Search Tree Properties and Hashing Basics

11

- Maximum Depth or Height of BST
- Binary Tree is a BST & if two BSTs are equal
- Check if an array is a subset or disjoint
- Check for subarray with sum 0

⭐ HOW TO CRACK TECH INTERVIEWS



Week 12 - Heap, Graph, & Dynamic Programming Introduction

12

- Heap implementation
- Kth largest/smallest/closest element
- Graph representation and traversals (BFS/DFS)
- Dynamic programming memorization and tabulation
- 0-1 knapsack problems



CERTIFICATIONS





Pricing

PLAN

Self Paced>

Learn at your own pace

₹5,999

Mentor Paced>

Get real-time Assistance

₹8,999

Professional>

Get Job Ready

₹11,999



OUR COLLABORATIONS

Capgemini

IBM

wipro

accenture

meesho

SWIGGY

Razorpay

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COMPANY DETAILS

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