

**SkillEn: Java + Soft Skills Roadmap with Internship Guarantee**  
**With Projects, Communication Mastery, Mock Interviews & ★ Internship Guarantee**

## Tech Module

### 1. Java Basics (2 hrs)

Live Topics: Variables, Loops, Conditionals  
Live Practice: Fibonacci, Prime Checker  
Assignments: Even/Odd, Armstrong Number

### 2. Arrays & Methods (1.5 hrs)

Live Topics: Arrays, For-each, Methods  
Live Practice: Runner-Up Score, Rotate Array  
Assignments: Frequency Count, Merge Arrays

### 3. OOP – Classes & Objects (1.5 hrs)

Live Topics: Classes, Constructors, this  
Practice: GPA Calculator, BankAccount  
Assignments: Library System, Cart Class

### 4. OOP – Inheritance & Polymorphism (1.5 hrs)

Live Topics: Inheritance, Interface  
Practice: Circle/Rectangle, Java Inheritance II  
Assignments: Animal/Dog/Cat, Abstract Account

### 5. Exception Handling & File I/O (1.5 hrs)

Live Topics: try-catch-finally, FileReader  
Practice: Divide by Zero, End-of-file  
Assignments: File Writing, Word Counter

### 6. Strings & Nested Loops (2 hrs)

Live Topics: String Methods, Palindromes  
Practice: Java String Reverse, CamelCase  
Assignments: Anagram Checker, String Compression

### 7. Stack, Queue, LinkedList (2 hrs)

Live Topics: Stack, Queue via 2 Stacks  
Practice: Valid Parentheses, Stack Impl  
Assignments: Linked List Insert/Delete

### 8. Recursion + Sorting (2 hrs)

Live Topics: Recursion Logic, Merge Sort  
Practice: Print N to 1, Factorial  
Assignments: Power(x,n), Subset Generator

### 9. SQL + OS + CN Theory (2 hrs)

Live Topics: SQL Joins, OS Scheduling, CN Layers  
Practice: SQL SELECT + JOIN, MCQs  
Assignments: 10 SQL Queries, CN Scenarios

### 10. Resume, Git, Final Test (2 hr)

Live Topics: GitHub flow, Mini-Project  
Assignments: Resume Upload, Final Test

### @ HackerRank Assignments (20+)

String Reversal, Anagram, Arrays, Inheritance, SQL JOIN, Exception Handling, etc.

#### 🧠 Extra Practice (15+)

Prime Check, Merge Arrays, Remove Duplicates, Recursion, Frequency Count, Patterns

### Projects & Submissions:

- ✓ Minor Project on live class(Individual)
- ✓ Group Project (Team Collaboration)
- ✓ Individual Portfolio Project (For Resume + GitHub)



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## Soft Skills Module

### 1. Resume Walkthrough (2 hrs)

- Modern Resume Format (ATS-friendly)
- Tailoring for Tech/Non-Tech Roles
- Peer Review Session

### 2. Resume Alignment + Interview Strategy (2 hrs)

- Job Description (JD) Breakdown
- Framing “Why Me?” + “Why This Role?”
- Resume to JD Alignment Activity

### 3. Interview Q&A Mastery (3 hrs)

- Top Interview Questions with Answer Frameworks
- STAR Method Practice in Pairs
- Group Feedback

### 4. Communication Skills (2 hrs)

- Voice Clarity, Tone Variation
- Posture, Gestures (Virtual + In-Person)
- Mirror Practice + Video Recording Review

### 5. Active Listening & Role-Plays (2 hrs)

- Voice Modulation for Empathy
- Real-Time Role-Play (Interview + Support Scenario)
- Peer Feedback

### 6. Mock Interviews (2 hrs)

- One-on-One Interview Rounds
- Rubric-Based Feedback
- Personalized Tips for Improvement

### 7. Group Discussion & Final Q&A (2 hrs)

- GD Format Practice (General + Industry Topics)
- Confidence Drills & Rapid-Fire Q&A
- Final Review Checklist

## ★ Career Acceleration & Internship Guarantee

### **Internship Guarantee & Industry Readiness (2 hrs)**

- Understanding internship eligibility & selection
- Soft skill recap & confidence audit
- Portfolio and GitHub polish
- Role-aligned career mapping
- Guidance on internship domain (tech, sales, support, etc.)
- Access to internship guarantee network (with terms & conditions)

### **What You'll Receive:**

- ✓ Resume + JD Alignment Template
- ✓ STAR Interview Workbook
- ✓ Non-Verbal Checklist
- ✓ Mock Interview Scorecard
- ✓ GD Topic Bank
- ✓ 3 Resume-Ready Projects
- ✓ Access to Guaranteed Internship Opportunity (after roadmap completion)



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