

SkillEn: Python + Soft Skills Roadmap with Internship Guarantee

With Projects, Communication Mastery, Mock Interviews & ★ Internship Guarantee

Tech Module

1. Python Basics (2 hrs)

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

2. Lists, Tuples & Functions (1.5 hrs)

Live Topics: Slicing, List Ops, def, *args, **kwargs
Live Practice: Runner-Up Score, Count Positives/Negatives
Assignments: Frequency Count, Merge & Sort Lists

3. OOP – Classes & Objects (1.5 hrs)

Live Topics: Class, Constructor, self, Encapsulation
Live Practice: GPA Calculator, BankAccount
Assignments: Cart Class, Employee Class

4. OOP – Inheritance & Polymorphism (1.5 hrs)

Live Topics: Inheritance, Abstract Classes, Duck Typing
Live Practice: Circle/Rectangle, Animal/Dog/Cat
Assignments: Vehicle, Abstract Account

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

Live Topics: try-except-finally, File Handling
Live Practice: EOFError, Read/Write File
Assignments: Word Counter, File Writer

6. Strings & Nested Loops (2 hrs)

Live Topics: String Methods, Nested Loops
Live Practice: String Reverse, Palindrome Check
Assignments: Anagram Checker, String Compression

7. Stack, Queue, LinkedList (2 hrs)

Live Topics: Stack using List, Queue via deque
Live Practice: Valid Parentheses, Stack Impl
Assignments: Balanced Brackets, Linked List Insert/Delete

8. Recursion + Sorting (2 hrs)

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

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

Live Topics: SQL JOINS, OS Scheduling, CN Protocols
Live Practice: SQL SELECT + JOIN, OS/CN MCQs
Assignments: 10 SQL Queries, CN Scenarios

10. Git + Final Test + Projects (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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