

Python Programming & Placements Series – From Scratch

Instructor: Abdul Raheem Sutar | 12+ Years Industry Experience

Format: Free Online Workshop (Live)

Schedule: 4 Saturdays | 11:00 AM – 12:30 PM IST

Session	Date	Topic
Session 1	Saturday, 13 June 2026	Python Foundations
Session 2	Saturday, 20 June 2026	Intermediate Python + DSA Basics
Session 3	Saturday, 27 June 2026	DSA Deep Dive + Real Project
Session 4	Saturday, 4 July 2026	Placement Sprint + Mock Interviews

Session 1 — Saturday, 13 June 2026

Python Foundations + Problem-Solving Mindset

- What is Python and why it rules placements & the job market
 - Setting up Python + VS Code (quick 5-minute setup, done live)
 - Variables, data types, type conversion, user input
 - Conditions: if/elif/else, nested conditions
 - Loops: for, while, break, continue, pass
 - Writing and calling functions; parameters, return values, scope
 - Lists, tuples, strings — indexing, slicing, common methods
 - **Hands-on Practice:** Guessing game · Palindrome checker · FizzBuzz (classic interview question)
 - **Placement Corner:**
 - What recruiters actually look for in freshers
 - How to build a GitHub profile and coding presence from Day 1
 - Resume writing basics — present yourself honestly and confidently
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Session 2 — Saturday, 20 June 2026

Intermediate Python + DSA Basics

- Dictionaries and sets — when and why to use them
- List and dict comprehensions
- Object-Oriented Programming (OOP): classes, objects, `__init__`, `self`
- Inheritance, method overriding, polymorphism
- File handling: reading/writing text files and CSVs
- Error handling: try/except/finally
- Introduction to Time Complexity: $O(n)$, $O(\log n)$, $O(1)$ — explained simply
- Searching: linear search vs binary search

- Sorting: bubble sort, selection sort, insertion sort
 - **Hands-on Practice:** Word frequency counter · Duplicate remover · LeetCode Easy walkthrough (live)
 - **Placement Corner:**
 - LinkedIn profile setup + how to approach job portals (Naukri, LinkedIn, Indeed)
 - How to approach LeetCode without panic
 - STAR method for behavioural interview questions
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Session 3 — Saturday, 27 June 2026

DSA Deep Dive + Live Mini Project

- Recursion: base case vs recursive case, real examples
 - Stack: push, pop, and real applications (balanced parentheses, etc.)
 - Queue: FIFO concept, Python's `deque`
 - Singly Linked List: creation, traversal, insertion, deletion
 - Introduction to NumPy & Pandas (just the essentials)
 - Calling a public REST API using `requests`
 - **Mini Project (built live together):** Contact Book CLI App
 - Uses OOP, file handling, error handling, and search (DSA)
 - Pushed to GitHub during the session
 - **Code Review:** Reading and improving each other's code
 - **Placement Corner:**
 - How to present a project in a technical interview
 - GitHub basics — what hiring managers look for
 - What portfolio projects actually impress companies (and what to avoid)
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Session 4 — Saturday, 4 July 2026

Placement Sprint — SQL + Mock Interviews + Capstone

- SQL for interviews (tested in nearly every company):
 - SELECT, WHERE, ORDER BY, GROUP BY, HAVING
 - INNER, LEFT, RIGHT JOINS — with real examples
 - 10 most commonly asked SQL problems (live walkthrough)
- **Mock Coding Round (60 minutes timed):**
 - 2 Easy + 1 Medium LeetCode-style problems
 - Group debrief: best approaches, mistakes, time management
- **Mock Interview (Technical + HR):**
 - Common Python, OOP, DSA, SQL questions
 - Tell me about yourself · Strengths/Weaknesses · Salary expectations
 - Group feedback after each round
- **Capstone Showcase:** Each participant presents their project (5 min each)
- **Open Q&A with Abdul Raheem Sutar**
- **Roadmap shared:** Where to go after this — Web Dev, Data Science, Cloud
- **Placement Corner:**
 - Off-campus placement strategy — where to look and how to apply

- Salary negotiation basics for freshers
 - Building a consistent learning habit beyond the workshop
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What You Need

- A laptop or PC with Python 3.x installed
- A free GitHub account
- A free LinkedIn account
- Stable internet connection (sessions are online)
- Zero prior programming experience required

What You'll Walk Away With

- Solid Python fundamentals — ready for interviews
 - Ability to solve basic to intermediate DSA problems
 - A real mini project on GitHub
 - Interview readiness: coding rounds + HR rounds
 - SQL confidence for product company interviews
 - A peer community to keep growing with
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Workshop is completely free. Online. No registration fee. Just show up.

Connect with Abdul Raheem Sutar on LinkedIn → [linkedin.com/in/abdul-raheem-sutar-b30a85b2](https://www.linkedin.com/in/abdul-raheem-sutar-b30a85b2)