

# Mohd Meraaz

Aspiring Software Engineer



Portfolio



Github



Linkedin



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## OBJECTIVE

Aspiring software engineer looking to apply and grow my skills in C++, Python, and Android development while contributing to impactful, real-world projects. Driven to continuously learn, adapt to new technologies, and deliver high-quality solutions.

## PROJECTS

### QUICKBILL: INVENTORY MANAGEMENT WITH PDF RECEIPTS | PYTHON | FILE

HANDLING | FPDF | CLI | TIME MODULE

- Developed a Python-based Inventory Management System with multi-item billing, real-time stock updates, and 10% discount logic for purchases over 5000.
- Automated PDF receipt generation using fpdf and managed data storage with JSON and file handling for persistent transaction logging.

### DSA TOOLKIT TERMINAL-BASED DATA STRUCTURE SIMULATOR | C++, DATA

STRUCTURES (ARRAY, STACK, QUEUE, LINKED LIST), SORTING, EXCEPTION HANDLING

- Designed a terminal-based C++ toolkit supporting core data structures with operations like insert, delete, and sort.
- Integrated undo functionality using stack and ensured modularity without relying on STL.

## EXPERIENCE

### CODESOFT TECHNOLOGIES PRIVATE LIMITED | ANDROID DEVELOPER INTERN

Remote Internship | June 2024 - July 2024

- Completed an Android Developer internship, gaining hands-on experience with Jetpack Compose for modern UI development.
- Contributed to feature design, interface responsiveness, and API integration in Kotlin-based Android projects.

## HONORS & AWARDS

- 5 ★ in C++, 3 ★ in Python, and 2 ★ in SQL on HackerRank
- 2 ★ Coder on CodeChef
- Global Rank **10** in CodeChef Starters 192
- Secured **2nd place** in an Inter-College Coding Quiz Competition organized by the Training & Placement Department, Technocrats Institute of Technology, December 2023
- Selected as a participant in Pariksha Pe Charcha 2020, recognized for academic excellence and student representation — honored with a personal interaction with the **Prime Minister of India**

## CERTIFICATIONS

- Azure Fundamentals (AZ-900) — Microsoft
- System Administrator — ServiceNow
- Basics of Python, SQL, and Java — HackerRank

## EDUCATION

### BACHELOR'S OF TECHNOLOGY

TECHNOCRATS INSTITUTE OF TECHNOLOGY

COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

2022 -- 2026 | Bhopal

CGPA: 6.3 / 10

### SENIOR SECONDARY

KENDRIYA VIDYALAYA

MATHEMATICS, COMPUTER SCIENCE

2019 -- 2021 | Barkuhi

Percentage: 80%

## SKILLS

### PROGRAMMING

Proficient:

C++, Python, MySQL

Experienced:

Kotlin, Java, XML

Familiar:

HTML, CSS, C, Shell Script

### LIBRARIES/Frameworks

Jetpack Compose, Pandas, NumPy, Matplotlib

### TOOLS/PLATFORMS

Android Studio, Git, Canva, VS Code, VirtualBox, Autopsy

## CORE CONCEPTS

- Operating Systems
- Data Visualization
- Database Management Systems
- Object Oriented Programming
- Software Engineering
- Computer Network