

ARYENDRA CHAUDHARY

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SUMMARY

Software Developer skilled in C++ & Artificial Intelligence integrations, with expertise in building scalable, secure, and real-time solutions

TECHNICAL SKILLS

- **Languages:** C++, Python, Java Script
- **Software Engineering Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOPs), System Design
- **Databases:** MySQL, DBMS, CSV Handling
- **Tools & Libraries:** OpenCV, Tkinter, Qt, NumPy, Pandas
- **Tools & Platforms:** Git, GitHub, Firebase

PROJECTS

1. AI-Powered Code Evaluation Platform | Stack: C++, REST API, Node.js, Firebase, Judge0, Gemini AI, Monaco Editor

- Proposed & developed the **core C++ integration module** to interact with Judge0 & Gemini APIs for real-time code evaluation.
- Collaborated with the team to integrate the C++ backend with a **React/Node.js frontend**, enabling a seamless online coding & AI feedback experience.
- Implemented **automatic pass/fail detection, AI-generated suggestions, and scoring system** visible on the web dashboard.

2. Face Recognition Based Attendance system | Stack: Python, OpenCV, Tkinter, CSV

- Built a GUI-based system that auto-marks attendance based on the current timetable.
- Enabled real-time camera switching and face detection using **HaarCascade**.
- Logged **timestamped attendance** in structured CSV files via **Tkinter** interface.

3. Super Market Billing System | Stack: C++, OOPs, File Handling

- Designed a **console-based billing system** to manage inventory, pricing, and receipts.
- Used **classes and file I/O** to perform real-time product **addition, purchase, and billing**.
- Implemented features like **admin login, bill generation, product search**, and item modification.
- Applied **OOPs concepts** like **inheritance**, encapsulation, and modular structure for scalability.

ACHIEVEMENT

- Solved 180+ problems on [LeetCode](#)
- Earned [LeetCode](#) 100 Days Badge
- Specialist Badge from [Coding Ninjas](#)
- Problem Solving – Basic and Intermediate Certification from [HackerRank](#)

EDUCATION

Bachelor of Technology (Information Technology)

Meerut Institute of Engineering and Technology, Meerut
2022 – 2026

CERTIFICATIONS

- C++ Programming – Infosys Springboard, May 2025
- Master AI with ChatGPT – Dhruv Rathee Academy, April 2025