

Aviral Mittal

📍 Ghaziabad ✉ avirmittal08@gmail.com ☎ 7668093972 </> [CodeChef](#) </> [Leetcode](#) 🌐 [avirmittal8](#) in [Aviral Mittal](#)

Education

ABES Engineering College

B.Tech in Computer Science and Engineering — GPA: 9.19

Nov 2022 – June 2026

S.D. Public School, CBSE

Senior Secondary: 94.4%

Apr 2021 – Mar 2022

Experience

Software Engineering Intern – Signo

October 2025 – Present

Signo Cabs: EV fleet allocation platform

Oct 2025 – Present

- Developed core backend workflows for an EV fleet allocation platform, contributing to driver onboarding, allocation, scheduling, payments, and production releases.
- Built permission-driven **RBAC** across 8 roles and engineered the **Razorpay** payments pipeline, including signature-verified webhooks, failure and expiration handling, and reconciliation.
- Improved dashboard load performance by moving data fetching from shared parent components to feature-specific child components, eliminating redundant API requests.

RoRo: truck-on-train freight booking platform

June 2026 – Present

- Bootstrapped the backend from the initial commit by establishing the Alembic migration baseline, project architecture, CI pipeline, and Celery task infrastructure.
- Owned authentication and user management, implementing OTP verification, JWT refresh tokens, and GST/KYC verification to automate onboarding workflows.

DSA Training Intern – Learnys at ABES

August 2025 – April 2026

- Mentored 120+ students in foundational DSA concepts, debugging techniques, and problem-solving strategies, translating optimized approaches into simplified explanations.

Skills and Technologies

Languages: Python, C++, JavaScript, SQL, C

Backend: FastAPI, SQLAlchemy, Alembic, PostgreSQL, MongoDB, REST APIs, JWT Auth, RBAC

Frontend: Next.js (App Router), React, Tailwind CSS, HTML5, CSS3

Tools: Git, GitHub, Docker, AWS (EC2, S3, ALB, Secrets Manager), Postman, Razorpay

Concepts: Data Structures & Algorithms, System Design, OOP, RBAC Design

Projects

LeetTrack

[GitHub](#)

- Built a dashboard aggregating real-time LeetCode statistics across multiple users via the LeetCode API and asynchronous data fetching, centralizing coding-progress tracking.
- Tech Stack:** Node.js, Tailwind CSS, JavaScript

Store92 Ecommerce Platform

[GitHub](#)

- Built a full-stack ecommerce app with authentication, product catalog, cart, and checkout, backed by MongoDB, and redesigned responsive layouts for mobile.
- Tech Stack:** HTML, CSS, JavaScript, Node.js, MongoDB

Positions of Responsibility

Lead, Google Developer Groups (GDG) on Campus

Sept 2024 – August 2025

- Grew a developer community to 1,000+ members by organizing 15+ workshops, study jams, and hackathons, and secured sponsorships from 10+ local tech companies.
- Led Hack Haven 2.0, a 24-hour nationwide hackathon with 4,000+ participants, coordinating sponsors, mentors, and judges across multiple teams.

Achievements and Certifications

Competitive Programming

- Solved 1000+ problems across platforms, including 400+ on LeetCode and 600+ on CodeChef.
- Maintained a CodeChef streak of 140+ consecutive days, with a global rank of 450 in CodeChef Starters 186 (Rated).

Certifications

- AWS Cloud Foundation, AWS Cloud Semester, Google Cloud Foundation

Interests & Extracurricular

Badminton, music, and video editing; 3rd position in the *Battle of Bands*, Jaipuria Institute of Technology.