Aniket Dhanwaria

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leetcode.com/u/aniket091 (Knight, 1956) | codechef.com/users/aniket091 (2-Star, 1501)

Education

University School of Information, Communication and Technology, GGSIPU Delhi, India
Bachelor of Technology, Electronics and Communication Engineering | CGPA: 8/10 2023 – 2027
Minor: Artificial Intelligence & Machine Learning
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Design, DBMS, OS, Computer Networks

Work Experience

Airports Authority of India (AAI) New Delhi, India
Software Developer Intern June 2025 – August 2025

- Built a microservice that serves facility and location data for **130+ airports**. It reads from PostgreSQL instead of static JSON files, which cut average page load time by **20%**.
- Connected third-party aviation APIs to show flight status for **130+ airports** and added a 300-second cache, which cut calls to those APIs by **25%**.

Projects

Flows (Real-Time Project Management System) flowsapp.work

- Built a team workspace with Kanban boards, chat, shared calendars and delivery metrics, used by **40+ teams**.
- Added role-based permissions per workspace, with middleware that checks row-level access on every query so one workspace never sees another's data.
- Replaced short polling with WebSockets, using a separate room for each workspace, and added optimistic UI updates so board edits show up in **under 100ms**.
- **Tech:** TypeScript, Next.js, Node.js, PostgreSQL (Prisma), Redis, Socket.io, REST APIs

StackClash (CS Quiz Battle Platform) stackclash.tech

- Built a live 1v1 quiz platform with timed MCQs across **8 CS subjects**, **5 programming languages** and **3 game modes**.
- Kept the server in charge of the game: timers and answers are checked on the backend, so players cannot change results from the browser.
- Built matchmaking on Redis that pairs players within **60 seconds**, and used Elo ratings for global and per-subject leaderboards.
- **Tech:** TypeScript, Next.js, Java, Spring Boot, PostgreSQL, Redis

OreoApp (Discord Notification Service) oreo.aniket.zip

- Built a Discord bot service that sends live YouTube, Twitch and Kick alerts to **200+ servers** and **200,000+ members**.
- Added retries and stored sent message IDs in Redis, so each alert is delivered at least once without duplicates, and kept failure and retry counts in Redis.
- Combined each server's API polling into one shared Redis cache, cutting third-party API usage by **50%** and staying within rate limits.
- **Tech:** TypeScript, Node.js, Discord.js, PostgreSQL, Redis, REST APIs, CI/CD (auto deploys)

Skills

Languages: Java, JavaScript, TypeScript, Python, Go, C++, C, SQL
Frontend: React, Next.js, HTML, CSS, WebSockets
Backend: Spring Boot, Node.js, Express.js, REST APIs, Microservices, Socket.io
Databases & Infrastructure: PostgreSQL, MongoDB, Redis, Prisma ORM, Docker, CI/CD, Caching, Git/GitHub
Open Source: Author of discord-gamecord, an npm package with **500K+ total downloads**