

Adil Iqbal

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SUMMARY

Computer Science student and Java/Backend developer with hands-on internship experience at Jio Platforms working on authentication services (Authtool) and call-masking/CAAS. Experienced building full-stack apps (Spring Boot, React/Vite, PostgreSQL) and deploying via CI/CD. Also experienced in building applications using Node.js, specifically the MERN stack. Focused on clean, maintainable code and scalable systems.

EXPERIENCE

- **JIO Platforms Limited** Sep – Dec 2025
Project Intern
 - **JioEVA — Authtool:** Worked on the internal authentication service (Authtool) built with Spring Boot. Implemented authentication flows and JWT handling to secure APIs and sessions.
 - **Call Masking / CAAS:** Studied and contributed to call-masking architecture (Calling-as-a-Service), focusing on privacy-preserving design and microservice integration.
 - **Microservices & Dev Practices:** Gained hands-on experience with microservice patterns, API security, and enterprise deployment practices.

PROJECTS

- **Workflow Executor — Telecom Support Automation System (2025):** Built a deterministic telecom support system using FastAPI with LLM-assisted intent classification and rule-based workflow execution. Implemented slot-based execution gating to ensure workflows run only when required inputs are available, reducing unnecessary interactions. Designed ticket lifecycle management with Redis-backed state persistence and in-memory fallback for high availability and fault tolerance. Integrated observability metrics to track resolution rates, escalation frequency, and missing input patterns. github.com/adilnvm/Workflow-Executor **Tech: Python, FastAPI, Redis, Pydantic, LLM**
- **MyStore — Full-Stack E-Commerce Platform (2025):** Built a full-stack e-commerce platform using Spring Boot and React with role-based access control, product management, cart, and order processing. Deployed using Docker and CI/CD pipelines with PostgreSQL as the primary database. Designed REST APIs supporting search, user authentication, and scalable backend operations. github.com/adilnvm/mystore **Tech: Spring Boot, PostgreSQL, Docker, React**
- **SayIt — Real-Time Chat Application (2024):** Developed a real-time chat system supporting group messaging, JWT-based authentication, and user search. Implemented persistent messaging and bidirectional communication using WebSockets (Socket.io). Designed scalable backend APIs using Node.js and Express with MongoDB for data storage. github.com/adilnvm/mern-chat-app **Tech: Node.js, Express, MongoDB, React, Socket.io**

SKILLS

- **Languages:** Python, Java, JavaScript.
- **Frameworks / Libraries:** Spring Boot, Node.js, Express, React.
- **Databases:** PostgreSQL, MongoDB.
- **Developer Tools:** Git & GitHub, Docker, Postman, Vite, Render.
- **Cloud & DevOps:** AWS, CI/CD, Linux.

EDUCATION

- **Mumbai University** 2023 – 2026
Bachelors in Computer Science — CGPA: 8.91
- **CBSE - AISSCE** 2022 – 2023
Class 12th (PCM + IT) — 75.33%

ACHIEVEMENTS & CERTIFICATES

- 1st Place — Group Hackathon, SIES (2025)
 - AWS Cloud Computing 101 ; AWS Databases; MLSA Azure AI; Hacktoberfest (2024, 2025);
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