

ARYASH JAIN

+91-6392284940

aryashjain747@gmail.com

Aryash-Jain

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EDUCATION

Institute of Engineering & Technology, Lucknow

July 2020 – June 2024

Bachelor of Technology (B.Tech) – Computer Science & Engineering

CGPA: 8.4/10

EXPERIENCE

Super.Money (Flipkart)

April 2025 – Present

SDE 1

- Re-architected and rebuilt a legacy Gateway and Orchestration system using the **Strangler Fig Pattern**, enabling a **zero-downtime migration** with failsafe mechanisms that improved resource utilization by **40%**.
- Optimized High-Traffic Services** to sustain **10,000+ QPS**; identified and resolved thread contention choke points through extensive **Non-Functional Requirement (NFR)** testing and JVM tuning.
- Introduced Secure Coding Practices** by developing libraries for seamless integration with **Google Secret Manager** and **HashiCorp Consul**, standardizing configuration management org-wide.
- MCP-Based AI Agent Orchestration**: Developed **superAI**, an internal AI platform integrating MCP to automate developer workflows, including on-call incident triage, real-time log monitoring, and GitHub operations.
- Engineered Platform Infrastructure** by migrating legacy deployment flows to **ArgoCD (GitOps)**, automating CI/CD pipelines.
- Tech Stack**: Java | Spring Boot | Go | Kubernetes | ArgoCD | GCP | KONG | Agentic AI | LangChain | RAG

Thoughtworks

August 2024 – April 2025

Backend Developer

- Piramal Finance**: Optimized the partner onboarding flow and streamlined multiple user journeys by integrating third-party APIs, example **CAMS**.
- Reliability Engineering**: Reduced **5XX errors** across core services by performing root-cause analysis and intense debugging of legacy microservices code flows.
- Tech Stack**: Java | Spring Boot | JavaScript | Node.js | AWS | Grafana | Git | Jira

Tickertape (SmallCase)

July 2023 – January 2024

Backend Intern

- Worked with the **platform team** to power development for various **microservices**.
- Made **transactional jobs** fault tolerant by migrating the legacy file system to the database.
- Optimized a **Golang** script for email cleanups, reducing execution time by **91%**.
- Added an **OTP Verification feature** for international numbers through SMS and WhatsApp.
- Tech Stack**: JavaScript | Node.js | Golang | Jira | AWS | Git | Postman

DEV-CONTRIBUTIONS (FREELANCED / OPEN-SOURCE / PROJECTS)

The Practise Pitch App (view code)

App Link

- Architected a context-aware AI-driven lightweight and user-friendly quizzing/practicing platform allowing users to attempt subject-specific quizzes.
- Tech Used**: JavaScript | Node.js | Express.js | MongoDB | React.js | CSS

DocxFormatter (view code)

- Engineered a full-stack Python application to automate a **real-world industrial problem** of text segregation from lengthy documents, reducing 3–5 hours of manual effort.
- Tech Stack**: HTML | CSS | Python | Chart.js | Jinja | python-docx

Chart Dashboard Browser Extension

- Engineered a **lightweight, compatible, and user-friendly** extension to solve the problem of reading huge datasets and plotting them as real-time graphs.
- Tech Stack**: HTML | CSS | JavaScript | Chart.js | Manifest.json

CERTIFICATIONS AND ACHIEVEMENTS

- Solved **1000+** DSA problems across various coding platforms. Coding Profiles: **Codeforces** **LeetCode**
- Global Rank **1770** and College Rank **9** in **ACM-ICPC Qualification Round (2022)**.
- Senior Associate and Head of Technical Team at the **Entrepreneurship Cell**, IET Lucknow.

TECHNICAL SKILLS

Languages: Java, C++, JavaScript, Python, TypeScript, Go

AI and Developer Tools: Claude-Code, CursorAI, Gemini-CLI, Gemini-API, GitHub, Postman/Bruno, IntelliJ/Vs-code

Technologies/Frameworks: Spring Boot, Node.js, MongoDB, MySQL, Git

Coursework: Data Structures and Algorithms, OOD, DBMS