Aarsh Mishra

✉ aarshmail@gmail.com 📞 +91 7007881392 🔗 byluc.in in /in/aarsh-mishra09 ⚙ /LuC-9 📍 India

Skills

Programming Languages: Java, JavaScript, TypeScript, Python, Bash
Frameworks & Libraries: Spring Boot, Node.js, Express, React, Angular
Cloud & Platforms: Docker, Kubernetes, AWS, GCP
API Technologies & Integration: REST, GraphQL, Software AG (webMethods), Apigee, WSO2
Databases: MySQL, PostgreSQL, MongoDB
Dev & Collaboration Tools: Git, GitHub, VS Code, Jira

Work Experience

Nagarro, *Senior Engineer*   07/2025 – Present
- Building and maintaining a cloud-native Internal Developer Platform using **Crossplane**, **ArgoCD**, and **Kubernetes** to enable self-service infrastructure and GitOps workflows.
- Developing backend services in **Spring Boot** to support platform orchestration, automation, and policy enforcement.
- Collaborating with SRE teams to design scalable, secure infrastructure abstractions for streamlined developer experience.

Nagarro, *Engineer*   01/2024 – 06/2025
(***Java, Spring Boot, PostgreSQL, Redis, AWS SQS, WebSocket, REST APIs***) (*Abu Dhabi Securities Exchange -* **ADX**)
- Built **RESTful APIs** (Java, Spring Boot) for stock trading services (1M+ users), utilizing **PostgreSQL** for data storage and **NASDAQ services** for market data integration.
- Integrated **Microsoft CRM** for customer, trade, and complaint management workflows.
- Developed real-time stock updates using **WebSocket** and improved performance with **Redis** caching.
- Decoupled microservices using **AWS SQS** and implemented event deduplication via Redis.
- Collaborated with Agile teams across UI/UX, QA, and DevOps for platform improvements.
- Continuously raised issues addressing security vulnerabilities, maintaining zero critical issues, and significantly reducing high and medium risk issues.

Nagarro, *Associate Engineer*   07/2022 – 12/2023
- Contributed to backend development by building scalable and maintainable services using **Java** and **Spring Boot**.
- Collaborated with teams to manage and maintain codebases using **Git**, ensuring smooth version control and release management.
- Developed and integrated backend features using **Node.js**, improving application interoperability and system performance.

Infosys, *Systems Engineer Intern*   02/2022 – 05/2022
- Developed a system for managing complaints across city departments (Police, Healthcare, Education, Transport) with role-based access (Citizens, Department Members, Mayors, Admins).
- Tech stack: Java, Spring Boot, Maven, Angular 10, REST APIs, MySQL, Git, GitHub (Infosys instance).

Personal Projects

Merchant Management App
A S**pring Boot** application for managing merchants with **JWT authentication** and **PostgreSQL** database.
- **Features :-** Merchant Authentication (Login/Register), JWT Token Based Security, Complete Merchant CRUD Operations, Data Validation, PostgreSQL Database Integration, Swagger API Documentation, Password Encryption

Arduino CLI Docker
Dockerized Arduino-CLI sketch compilation tool using **Python** for automation, and uploading binaries to **Amazon S3**.
- **Features :-** Dockerized Arduino compilation, per-project core and library support, flexible board targeting, AWS S3 binary upload, automatic dependency installation, minimal local setup.

Custom - Portfolio
A responsive portfolio website built with **Next.js, TypeScript, and Tailwind CSS**. featuring a unique dual persona concept
- **Features :-** Dual persona toggle (Developer/Gamer), Fully responsive design, Blog with Markdown support, Projects showcase with filtering, SEO optimized, Fast performance with Next.js App Router

Education

PSIT College of Engineering,   07/2018 – 07/2022 | Kanpur, India
Bachelor of Technology (Computer Science and Engineering)

Specializations and Certificates

webMethods API Management Basic, *IBM*
Open Source Software Development, Linux and GIT Specialization, *The Linux Foundation*
Cybersecurity: Developing a Program for Your Business, *Kennesaw State University*