Lucky Dadlani

Bengaluru, India
LinkedIn: linkedin.com/in/luckydadlani   luckydadlani2004@gmail.com
GitHub: github.com/LuckyDadlani   +91 93299 44373
LeetCode: leetcode.com/u/LuckyDadlani17

Experience

Backend Engineer — Automation Engineer (Freelance)   2023 – Present

- Engineered secure backend services using **Java and Spring Boot** by designing RESTful APIs with validation, role-based access control, and transactional consistency; implemented scalable, event-driven workflows using **Kafka and Redis** to optimize throughput and reduce latency; automated business processes with **n8n**, webhooks, and third-party APIs while ensuring reliability through retries, idempotency, and failure handling.

Secretary – Theatre Club (Take a Bow Productions)   2023 – Present

- Addressed member attrition caused by disengagement by restructuring team operations, assigning clear responsibilities, and fostering inclusive participation across a **30–100+ member** organization.
- Led end-to-end planning and execution of **4 college-wide events** for **Cultura'24**, coordinating across multiple teams and venues, strengthening cross-team collaboration, and ensuring on-time delivery of large-scale cultural programs.

Technical Skills

- **Backend Development**: Java, Spring Boot, REST APIs, Authentication & Authorization, Asynchronous Processing
- **Databases**: MySQL, Relational Design, Indexing, Query Optimization, Transactions
- **System Design**: Microservices, Event-Driven Architecture, Caching Strategies
- **Cloud & Deployment**: AWS (EC2, RDS, S3), Environment Configuration, CI/CD Concepts
- **Automation & Integrations**: n8n, Webhooks, Third-Party APIs, WhatsApp Automation
- **Frontend (Supporting)**: HTML, CSS, JavaScript, React
- **Tools**: Git, Postman, Debugging, Clean Code Practices

Projects

HEMANET – Centralized Blood Coordination Platform

- Architected a scalable backend using **Java, Spring Boot, MySQL, Kafka, and Redis**, enabling asynchronous, event-driven processing to handle emergency workloads.
- Automated blood inventory checks and donor escalation pipelines using **Kafka workflows and n8n integrations**, reducing emergency blood discovery time by **40–60%**.
- Implemented fine-grained role-based access control with **Spring Security**, ensuring secure data isolation for hospitals, blood banks, and donors.

Qala – Scalable E-Commerce Marketplace

- Developed a secure e-commerce backend using **Java, Spring Boot, Spring Security, and MySQL**, supporting end-to-end catalog, cart, and order workflows.
- Designed and enforced transactional API contracts with strict validation and authorization, reducing order processing errors by **30%**. Integrated **Generative AI** services for automated product content generation via backend APIs and a **React** frontend, improving seller onboarding efficiency.

Education

CMR Institute of Technology, Bengaluru

B.E. in Information Science and Engineering : CGPA: 9.0   2023 – Present

Key Achievements

- **Seminar Lead – Assistive Technology**, Delivered a departmental technical seminar asdemonstrating how software systems enable accessibility, inclusivity, and real-world impact.

- **Winner – Mindspark: Battle of Perspectives**, an aptitude and soft-skills demonstration competition organized by the Department of Artificial Intelligence & Machine Learning (AIML).