

Guddu Kumar

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SUMMARY

Member of Technical Staff (Backend Engineer) with 1 year of experience building **scalable backend services and microservices** using **Java and Spring Boot**. Hands-on experience in designing **RESTful APIs**, optimizing **database queries**, and working with **distributed systems** in production environments. Proficient in **MySQL, PostgreSQL, Redis, AWS, and Elasticsearch**, with strong **data structures and algorithms** skills demonstrated by **800+ LeetCode problems solved (1660+ rating)**. Currently working at **Vymo Asia**, contributing to **high-performance backend systems and product-critical features**.

TECHNICAL SKILLS

Languages: Java, SQL

Backend & Core: Spring Boot, Spring Security, Hibernate, JPA, REST APIs, Microservices, Concurrency

Databases & Caching: MySQL, PostgreSQL, Redis

Cloud & DevOps: AWS (EC2, RDS, S3), Git

Search: Elasticsearch

Problem Solving: Data Structures & Algorithms, OOP

Frontend (Limited): React.js, TypeScript

Tools: Postman, Swagger

EXPERIENCE

- **Member of Technical Staff (Backend) at Vymo Asia** *Jan 2025 – Present*
 - Designed, developed, and maintained **scalable backend microservices** using **Java and Spring Boot** for authentication, workflow orchestration, and internal business logic.
 - Built and optimized **event-driven data workflows** leveraging **Kafka, Airflow, Redis, Elasticsearch, SFTP**, and scheduled jobs, improving system reliability and throughput.
 - Contributed to **distributed system design**, production debugging, and performance optimization, gaining hands-on experience with **high-availability backend architectures**.
- **Software Development Engineer Intern (Backend) at MountBlue Technologies** *Oct 2024 – Dec 2024*
 - Completed intensive **backend engineering training** focused on **Java, Spring Boot, REST API design**, and **microservices fundamentals**.
 - Implemented backend features involving **API development, database schema design, and query optimization** using **MySQL and PostgreSQL**.
 - Strengthened foundations in **data structures, OOP principles**, and backend system design through hands-on assignments and code reviews.

PROJECTS

- **SelfServe.ai Agent** — Designed and built an **AI-powered assistant** using a **microservices architecture**. Implemented backend services with **Java, Spring Boot, and Spring AI** to handle AI responses and business logic. Built a supporting service using **Node.js** to manage chat persistence in **MongoDB**, while leveraging **MySQL and Redis caching** to optimize user profile queries and reduce response latency. Integrated services with a **React.js** frontend supporting real-time chat and session management. [Portfolio](#)
- **Echo Chat Application** — Developed a **real-time communication platform** supporting 1:1 messaging, video calling, and screen sharing using **Spring Boot, WebSocket, and WebRTC**. Designed backend services and signaling flow for **low-latency message delivery under concurrent users**, with secure peer-to-peer communication and a focus on **scalability and reliability**. [GitHub](#)

CERTIFICATIONS

System Design — [Link](#)

Spring Boot — [Link](#)

Data Structures & Algorithms — [Link](#)

EDUCATION

Lakshmi Narain College of Technology (LNCT)

B.Tech in Computer Science Engineering — CGPA: 7.76/10

Bhopal, India

Sep 2020 – Jun 2024

ACHIEVEMENTS

- Solved 800+ problems with a 1670+ rating on LeetCode.
- Top 1% (32/3200) in CodeQuotient Coding Challenge.