

Sharan S C

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PROFESIONAL SUMMARY

Detailed-oriented Software Engineer proficient in Java, Spring Boot and React, with experience building full-stack applications and Dockerized microservices (Kafka, JWT) deployed to Render. Strong algorithmic foundation — 650+ LeetCode solves and a 1677 contest rating — plus an IEEE publication. Skilled at designing scalable RESTful APIs, writing maintainable, testable code, and optimizing performance for reliability. Collaborative team player experienced in end-to-end delivery, code reviews, and using modern toolchains (Maven, Git, Postman, Docker) to ship features to production.

EDUCATION

Bachelor Of Engineering: The Oxford College of Engineering, Bangalore 9.32 cgpa | 2023 – 2027

SKILL SUMMARY

Programming Languages: Java, C, JavaScript

Frameworks & Libraries: Spring Boot, React

Core Competencies: Data Structures, Algorithms, Containerized Deployments

Databases: MySQL, MongoDB

Tools & Platforms: Maven, Git & Version Control, Postman, Docker

Messaging & Streaming: Apache Kafka, WebSockets

PROJECTS

AI-Powered Resume Builder | Microservices Architecture | [LINK](#)

Java, Spring Boot, Spring Cloud, Google Gemini AI, Apache POI, Eureka, API Gateway, MySQL, Maven

- Architected a microservices application with **Spring Cloud Eureka** for service discovery and **API Gateway** for centralized routing across 3 independent services
- Integrated Google Gemini AI API to optimize resume content for ATS compatibility, achieving **90%+** parsing success rate
- Implemented **Apache POI** to generate fully editable Microsoft Word (.docx) documents with professional formatting
- Developed RESTful APIs for resume creation, AI optimization, and document generation with inter-service communication
- Configured load balancing, fault tolerance, and distributed architecture patterns with MongoDB for data persistence

Full-Stack Blog Application | Monolithic Architecture | [LINK](#)

React.js, Spring Boot, JWT, MongoDB, Docker, REST APIs, Render, Vercel

- Built a full-stack blog application with React frontend and Spring Boot backend featuring **JWT-based authentication**
- Developed RESTful APIs for user authentication, post CRUD operations, and role-based access control (RBAC)
- Integrated MongoDB with Spring Data for NoSQL **data persistence** and optimized query performance
- Containerized the application using Docker for consistent deployment across development and production environments
- Deployed backend on Render and frontend on Vercel for production hosting

ACHIVEMENTS & PUBLICATIONS

- Solved **650+** problems on LeetCode, achieving a contest rating of **1677** through consistent competitive programming participation
- Published research paper "FBG Sensor Design and Analysis for Early Detection of Cancer" as First Author in **IEEE Xplore** (2024)
- Demonstrated strong algorithmic **problem-solving** skills across data structures, dynamic programming, graph theory, and optimization techniques