

PROFESSIONAL SUMMARY

Experienced Backend developer with a proven track record in designing and developing scalable backend systems and web applications. Adept at creating efficient APIs, applying design patterns, and effectively managing databases. Possessing expertise in advanced Java frameworks, and modern cloud technologies. Dedicated to delivering high-quality solutions that meet client and end-user needs.

SKILLS SUMMARY

- **Core Competencies:** System Design, Design Patterns, Data Structures and Algorithms, Multithreading
- **Languages:** Java, C++, SQL, Python
- **Frameworks/Libraries:** Spring Boot, React.js, Spring AI, Scikit-learn
- **Cloud and DevOps:** AWS, Docker, Kubernetes, Jenkins, CI/CD
- **Messaging, Databases, and Caching:** Distributed Messaging Systems, Kafka, MySQL, Redis

EXPERIENCE

- **Infosys Limited** Bangalore, India
Associate Consultant (Full-time) July 2024 – Present
 - **Enhanced Customer Experience:** Developed and optimized RESTful APIs for GenAI applications using Java, Spring Boot, Swagger, and Postman. Collaborated with Goldman Sachs GenAI team on AI-driven solutions.
 - **CI/CD and Monitoring:** Streamlined CI/CD pipelines with OpenShift and blue-green deployments, ensuring 99% application availability. Built CloudWatch dashboards for proactive monitoring.
 - **Testing and Collaboration:** Conducted comprehensive testing, including unit tests and SonarQube analysis. Coordinated with QA to create 350+ test cases, minimizing post-release issues.
- **Ericsson Global INDIA Pvt. Ltd.** Kolkata, India
Software Developer (Full-time) July 2021 – June 2024
 - **API Development & Optimization:** Designed fault-tolerant RESTful APIs for high-volume telecom network operations, reducing latency by 11% using Java, Spring Boot, Kafka, and AWS.
 - **Performance Enhancement:** Scaled transaction capacity to 2,000 TPS using WebFlux, improving service reliability by 15% and reducing failures by 10%.
 - **Feature Development:** Built and optimized 5+ telecom features, enhancing call authorization, session management, and billing reconciliation with 99% test coverage.
 - **Technical Documentation:** Authored guides on job scheduling, data replication, and caching procedures to facilitate system maintenance and team knowledge transfer.

EDUCATION

- **Bengal College of Engineering and Technology** Durgapur, India
Bachelor of Technology in Computer Science and Engineering; GPA: 7.82 August 2017 – July 2021

TECHNICAL PROJECTS

- **AI Chatbot:** Developed a full-stack web application using Spring Boot, Spring AI, and React, enabling users to interact with an AI-powered chatbot via a user-friendly interface, leveraging the OpenAI API.
- **AI Chatbot for Customer Service:** (In progress) Developing an AI-driven system for personalized product recommendations using collaborative and content-based filtering, with plans for optimization and deployment. (Expected Completion-August 2025)

AWARDS/RECOGNITIONS

- **Recognitions** – Ericsson- Manager/Senior Manager
- **Best Trainee Award, Ericsson** – Oct 2021