

Rohith

+1 813-568-7015 · svrohith9@gmail.com · linkedin.com/in/svrohith9 · github.com/svrohith9

SUMMARY

Backend-focused Software Engineer with 5+ years of experience building scalable systems using Java and Spring Boot. Skilled in designing robust APIs, managing relational and NoSQL databases, and deploying cloud-native applications on AWS. Passionate about delivering reliable backend services with a strong emphasis on performance, security, and maintainability.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript

Frameworks & Libraries: Spring Boot, Hibernate, JPA, Spring Security, React.js, FastAPI, Redux, Material UI, Tailwind CSS, Flask, Node.js, Apache Kafka, JUnit, Mockito, Mybatis, Lombok

Databases: MySQL, PostgreSQL, MongoDB

Microservices: Spring Cloud, API Gateway, Eureka, Hystrix, Resilience4J, Netty

Cloud & DevOps Tools: AWS (Lambda, EC2, S3, Rekognition, Aurora, API Gateway, CodePipeline), Docker, Kubernetes, Jenkins, GitLab CI/CD, SonarQube, JIRA, Confluence

Other Tools: IntelliJ IDEA, GitHub, Bitbucket, Swagger.io, Postman, Jupyter Notebook, Kibana, Splunk, JBoss, Tibco JasperReports, IBM Websphere

Other Technologies: AWS SageMaker, GPT, OpenAI API, Ollama, LangChain, Vector databases

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900), Data Fundamentals (DP-900)

EXPERIENCE

Software Developer

Oct 24 - present

Viacore

- Built AI microservices with Java Spring Boot, integrating RAG pipelines via LangChain and vector search using Pinecone for real-time generative AI responses.
- Implemented comprehensive security protocols using **OAuth 2.0**, **JWT**, and **Spring Security**, enhancing application security and reducing vulnerabilities by **40%**.
- Automated deployment workflows using **AWS CodePipeline**, cutting deployment time by **25%** and minimizing downtime during production releases.
- Implemented data caching strategies using **Redis**, resulting in **10%** faster data retrieval and reducing load on primary databases.
- Reduced API errors by **20%** through comprehensive unit testing and debugging with **JUnit** and **Mockito**.

Software Developer

Jul 23 - Oct 24

Norstella (Contract)

- Designed and implemented **RESTful APIs** using **Java Spring Boot**, increasing system performance by **25%** and reducing latency by **15%**.
- Integrated **AWS Rekognition** and **Translate** services for real-time image recognition and multilingual support, improving response automation by **30%**.
- Built dynamic, responsive front-end applications using **React.js** and **Redux**, leading to a **30%** boost in user interaction and engagement.
- Improved **Master Data Management (MDM)** system, leading to **15%** better data consistency and reducing synchronization issues.
- Developed reusable UI components with **Material-UI** and custom hooks, optimizing load times and increasing front-end efficiency by **20%**.
- Led the migration of applications to **AWS Lambda** and **EC2** for enhanced scalability, ensuring **99.99%** uptime.
- Orchestrated containerized environments with **Docker** and **Kubernetes**, reducing resource overhead by **15%**.
- Mentored junior developers, improving team productivity and reducing error rates by **15%** through code reviews and technical guidance.

Software Developer

Jan 19 - Aug 21

Tata Consultancy Services

- Developed microservice-based architecture using **Spring Boot** and **Maven**, improving scalability and reducing response time by **20%**.
- Achieved **90%** unit test coverage in a **TDD/BDD** environment, reducing production bugs by **25%** through rigorous testing practices.
- Ensured code quality by aligning to **SonarQube** standards, improving code maintainability and reducing technical debt by **40%**.
- Integrated **Apache Kafka** for real-time event streaming, boosting data processing efficiency by **30%**.
- Troubleshoot and resolved critical application issues using reverse engineering, resulting in **15%** less downtime.
- Developed complex queries in **SQL** and **NoSQL** databases, optimizing data retrieval speeds by **10%**.
- Executed high-volume database operations using **PL/SQL**, ensuring transaction accuracy for millions of records with **99.9%** reliability.
- Mentored junior developers, streamlining onboarding processes and improving team productivity by **20%**.
- Collaborated with cross-functional teams to deliver banking and financial applications, improving project completion speed by **15%**.
- Worked on implementing cloud migration strategies for legacy systems, improving deployment flexibility and reducing infrastructure costs by **10%**.
- Built monitoring tools with **Kibana** and **Splunk** for proactive error detection and performance monitoring, reducing troubleshooting time by **20%**.
- Implemented load balancing strategies for microservices, optimizing traffic and reducing server load by **10%**.
- Utilized design patterns such as **Singleton**, **Factory**, and **Proxy** to enhance system maintainability and flexibility.

EDUCATION

University of South Florida

Tampa, FL

Master of Science in Information Technology

Aug 2021 – May 2023

KL University

Guntur, India

Bachelor of Technology in Computer Science

July 2015 – May 2019