Sahil Agrawal

 Github | in Linkedin | ✉ agrawalsahil60@gmail.com | 📱 +91 7020946174/ 8275417324

SUMMARY

Java backend developer skilled in Spring Boot microservices, SQL databases, Docker containerization, and AWS services, with a focus on clean and well-tested code.

WORK EXPERIENCE

Tata Consultancy Services (Backend Developer - Java)　　　　　July 2022 - Sep 2025

– Developed and maintained Java-based backend services using Spring Boot, building scalable and secure RESTful APIs for full-stack applications.

– Designed and implemented independent microservices, integrating with SQL databases and ensuring data integrity and consistency.

– Used Docker for containerizing services and leveraged AWS for deployment, storage, and application management.

– Focused on building clean, maintainable, and efficient code while following best practices for software development, including unit testing and code reviews.

PROJECTS

AI-Powered Code Reviewer　　　　　　　　　　　　　　　　　Github Link

- Developed a Spring Boot application integrating GitHub APIs to analyze pull requests (file diffs, patches, metadata) and store results in a MySQL database.
- Implemented secure user authentication/authorization and PR submission workflow with automated data retrieval.
- Integrated Groq LLaMA AI to perform code review, generate suggestions, and provide improvement recommendations, saving insights per user.
- Tech stack: Java, Spring Boot, MySQL, Github API, Groq LLaMA AI, Spring Security.

Learner Management Microservices System　　　　　　　　　　Github Link

- Developed a robust microservices-based backend using Java and Spring Boot, structuring multiple independent services and using Docker for consistent deployment.
- Enabled efficient inter-service communication using Apache Kafka and gRPC, enhancing performance, scalability, and real-time data exchange across distributed services.
- Implemented authentication and caching using Spring Security and Redis, and used AWS CLI for environment setup.
- Tech stack: Java, Spring Boot, Docker, Kafka, gRPC, Redis, Spring Security, AWS CLI and PostgreSQL

EDUCATION

Bachelor of Engineering　　　　　　　　　　　　　　　　　　2018 - 2022
Prof. Ram Meghe Institute of Technology and Research, Amravati, Maharashtra　**(SGPA: 8.33/10)**

SKILLS

Technical Skills :　Java, SpringBoot, SQL,Microservices, Rest APIs
Tools :　Git, Github, Docker,AWS