

RAHUL KASHYAP

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OBJECTIVE

Software Engineer with 2 years of experience in Java SpringBoot back-end development. Additionally skilled in DevOps practices. Excited to grow further and seek full-time SDE roles.

EXPERIENCE

Samsung R&D (SRI-B) Senior Software Engineer

Bangalore, Karnataka
Mar 2024 - Present

- Designed and Implemented a scalable **SpringBoot** microservice for a temporal application to perform Scheduled Jobs at a large scale. Optimized logic in microservices leading to a **30%** decrease in processing time.
- Setup **Observability** for services with Opentelemetry & Grafana Stack. Optimized **Kong API Gateway**, with a **Bloom-Filter**, coded test scripts with **K6** and conducted Load Test.
- Led the end-to-end setup of **Temporal Cluster** in the project, including presenting the **distributed system** architecture to HQ, deploying it on **Kubernetes**, and automating it.
- Worked **on-site** for 2 months at **Samsung HQ**, South Korea for collaborating on Temporal Usage & Project Deployments. Executed project migration from **AWS EKS** to Samsung Private Cloud.
- Technologies: SpringBoot, Temporal, Docker, Kubernetes, Helm, Grafana**

Software Engineer

Mar 2023 - Feb 2024

- Engineered **SpringBoot** microservices, including **gRPC** endpoint design, writing implementation and **tests** for diverse functionalities from scratch.
- Built and integrated a **Kong API Gateway** plugin for **JWT** authentication, request transformation, with **Redis** caching for enhanced throughput and reduced latency.
- Orchestrated **Kafka** implementation across services, optimizing the performance of the message queue with custom configurations that reduce response time by **25%**.
- Technologies: Java, SpringBoot, gRPC, Kong API Gateway, Kafka**

IBM Labs (ISDL) Software Engineer

Bangalore, Karnataka
Jul 2022 - Feb 2023

- Tested HPF Read/Write Operations between Channel & FTV.
- Underwent training in **IBM Mainframe, FICON, Linux, Fibre Channel, and Systems Engineering**
- Technologies: Mainframe, C, Linux.**

PROJECTS

Microservice Manamgement CLI Tool(Bash, Git, Docker)

Developed a comprehensive **CLI tool** for managing **microservice** projects, enabling streamlined repository cloning, **Java** service building, dependency configuration (**MySQL, Redis, Kafka**), service status **monitoring, log tracking**, and updates.

SKILLS

Backend Development	Java, SpringBoot, Kafka, Temporal, Kong API Gateway, MySQL, gRPC
Technical Skills	Data Structures & Algorithm, OOPs
DevOps Tools	Docker, Kubernetes, Helm, ArgoCD, Github Actions
Tools and Frameworks	Git, Linux

EDUCATION

Institute of Engineering & Management, MAKAUT
B.Tech in Electrical Engineering, CGPA: 8.78/10

2018 - 2022
Kolkata, WB

RECOGNITION

- Received Samsung **Spot Award** for swiftly developing, deploying and automating Temporal single-handedly.
- Cleared **Samsung SWC Professional Test**.
- Infosys** Certified Software Programmer.
- Leetcode**: Max Top: **7.2%** & **1796** Global Contest Rating — Have solved **700+** DSA questions