Suraj Sahu

Software Engineer

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SUMMARY

Java Backend Developer with 3+ years of experience building scalable REST APIs and distributed systems using Spring Boot, Apache Spark, and Elasticsearch. Passionate about problem-solving and automation. Seeking challenging roles in backend development or big data engineering.

TECHNICAL SKILLS

Programming Languages: Java, Python
Frameworks & Libraries: Spring Boot, REST APIs, JUnit
Big Data & Processing: Apache Spark, Parquet, NAS
Databases: MySQL, NoSQL, Elasticsearch
Monitoring & Logging: Kibana, Logback, SonarQube
Tools & Technologies: Git, Postman, Swagger, JSON, Maven, WinSCP, MobaXterm, Eclipse, IntelliJ IDEA
Operating Systems: Linux
Languages: English, Hindi – Professional proficiency

EXPERIENCE

Java Developer July 2022 – Present
Jio Platforms Ltd.

- Developed and optimized Java microservices focused on REST APIs, distributed processing, and automated AI model scheduling, reducing response time by **30%**.
- Worked extensively with **Elasticsearch** and **Kibana** for scalable data storage, logging, and real-time analytics, processing over **1M+ records daily**.
- Optimized large-scale data workflows using multithreading, parallel processing, and batch execution to efficiently handle high-volume HTTP requests.
- Designed and built a rule-based execution engine with automated triggers (email, SMS, API calls, ticket creation), increasing system automation and reliability.
- Leveraged **Apache Spark** for high-performance data processing and transformation.
- Conducted unit and regression testing to ensure code quality, leading to **99.9% system uptime** and reduced production issues.
- Used tools such as **WinSCP**, **MobaXterm**, **Linux**, and **Kibana** for backend deployment, logging, and monitoring.

EDUCATION

Vivekanand Education Society's Institute of Technology Mumbai University
Electronics and Telecommunication Engineering **July 2018 – June 2022**
CGPA: 8.19/10

PROJECTS

Journal Management API | *Spring Boot, MongoDB* Jan 2025 – Present
- Designed and implemented a RESTful backend API for journal entry management using Spring Boot and MongoDB.
- Built full CRUD operations following REST principles and secured endpoints using Spring Security.
- Documented APIs using Swagger/OpenAPI 3.0 and tested extensively using Postman.
- Implemented Logback for structured HTTP request/response logging.
- Developed locally using Eclipse and Maven; used Git for version control.
- **GitHub:** github.com/soorajsahun/SpringBoot_JournalApp

INTERESTS

- Enjoy problem-solving, staying active through gym and running, traveling, and exploring creativity through video editing.