

# Suraj Sahu

Software Engineer

+91 9372749399 | [suraj.sahu.9484@gmail.com](mailto:suraj.sahu.9484@gmail.com) | [linkedin.com/in/suraj-sahu-109899176](https://www.linkedin.com/in/suraj-sahu-109899176) | [github.com/soorajsahun](https://github.com/soorajsahun)

## 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. Looking for 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

**Web Technologies:** HTML, CSS

**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** for REST APIs, distributed processing, and automated AI model scheduling, reducing response time by **30%**.
- Designed and managed **50+ RESTful APIs**, handling **100K+ HTTP requests/day** with minimal latency.
- Leveraged **Apache Spark** for high-performance data processing, reducing computational time by **60%**.
- Worked extensively with **Elasticsearch and Kibana** for scalable storage, logging, and real-time analytics, improving query performance by **50%** and processing **1M+ records daily**.
- Built a **rule-based execution engine** with automated triggers (email, SMS, API calls, ticket creation), enhancing system automation and reliability.
- Optimized **large-scale data workflows and code execution** using multithreading, parallel processing, and batch execution, improving overall system performance by **50%**.
- Conducted **unit and regression testing**, ensuring **99.9% system uptime** and minimizing production issues.
- Used tools such as **WinSCP, MobaXterm, Linux, and Kibana** for deployment, monitoring, and logging.

## 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](https://github.com/soorajsahun/SpringBoot_JournalApp)

## INTERESTS

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