

Rahul Ojha

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WORK EXPERIENCE

Rakuten India, Bengaluru

Aug. 2022 - Present

Senior Software Engineer 1

Java, SpringBoot, Kafka, Couchbase, MySQL, Docker, Kubernetes, Git, Jenkins

(Promoted to a new role following the division's transition from **Rakuten Symphony India** to **Rakuten India**, while maintaining similar responsibilities and project contributions in July, 2024)

- Actively participated in Agile development methodologies, contributing to sprint planning and daily stand-ups.
- Collaborated with cross-functional teams to effectively gather and analyze requirements for the project. Designed and implemented scalable and high-performance solutions that aligned with project goals.
- Conducted code reviews to ensure code quality and best practices were followed.
- Implemented, tested and maintained code for multiple Spring Boot based microservices.
- Implemented asynchronous communication between microservices using Kafka to ensure efficient and scalable data exchange.
- Implemented scalable schedulers to efficiently manage communication with external systems. Leveraged parallel processing capabilities to optimize performance and throughput, processing records in multiple pods simultaneously for enhanced efficiency.
- Implemented robust error handling mechanisms to address API failures, ensuring data integrity and system resilience. Developed a configurable scheduler to automatically retry failed requests, optimizing system efficiency and reducing manual intervention.
- Developed, deployed, and supported several Spring Boot microservices.

Tata Consultancy Services, Kolkata

Sept. 2020 - Aug. 2022

System Engineer (Java Developer)

Java, J2EE, Spring, Oracle PL/SQL, PostgreSQL, Servlets, Jasper Reports, Git, Bamboo

- Developed and implemented a locking mechanism for POS work orders to prevent data conflicts and ensure data integrity. Implemented a manager override feature to address exceptions and maintain operational efficiency.
- Investigated issues and defects to determine the root cause and formulate corrective action recommendations.
- Designed and implemented a POS system enhancement that allowed users to place orders with multiple customized items within a single transaction, significantly improving efficiency and reducing manual effort.
- Optimized application performance by identifying and eliminating bottlenecks in the code and database queries, resulting in a 90% reduction in load times from over an hour to under 5 seconds.
- Mentored junior developers, providing guidance, support, and knowledge transfer to foster their professional growth and contributions to the team.

SKILLS

Languages: Java, Python, SQL, HTML, JavaScript

Frameworks & Technologies: Git, Docker, Kubernetes, Spring, Spring Boot, JUnit 5, Mockito, REST API, Apache Kafka, Elasticsearch, Microservices

Tools: GitHub Copilot, IntelliJ IDEA, Eclipse IDE, Visual Studio Code, Maven, Jenkins, Docker Desktop, Podman, Minikube, Postman, Swagger UI, MySQL Workbench, Oracle SQL Developer, SonarLint, SonarQube

PERSONAL PROJECTS

Expense Tracker API



Java, SpringBoot, Spring Security, Spring Data, MySQL

- Designed and implemented a RESTful API using modern backend technologies.
- Integrated robust authentication and authorization mechanisms for secure user transactions.

Excel-to-JSON



Java, SpringBoot

- Developed a Java Spring Boot app for converting Excel files to JSON, enhancing data accessibility.
- Implemented seamless file uploads and data transformation functionalities.

EDUCATION

Netaji Subhas Engineering College

Graduation Date: Aug. 2020

B. Tech in Information Technology

Relevant Courses: Data Structures, Algorithms, Computer Architecture, Operating Systems, Databases, Computer Networks, Cloud Computing, Object-Oriented Programming