

RIZWAN SHAIKH

Software Engineer

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SUMMARY

Experienced Java developer with 3 years of experience in specializing backend services using Spring, PostgreSQL and Kafka. Achieved a 60% reduction in processing time through performance improvement. Developed Spring Batch Jobs for AMEX card updates and Kafka integration, and built REST APIs with Spring Boot.

SKILLS

Java, Spring Boot, Spring Batch, Spring Data JPA, ActiveMQ, Kafka, PostgreSQL, Docker, OpenShift, Linux, JUnit, Mockito, SonarQube, Checkmarx, Blackduck, AWS, Python

EXPERIENCE

01/2024 - Present

Pune

• Software Engineer I; Senior Engineer - Development

WorldPay

- Developed a Spring Batch Job to read card update files from AMEX and process them for Kafka topic integration.
- Implemented functional and unit tests using JUnit, Mockito and Embedded Kafka to ensure the reliability and accuracy of the Spring Batch Job.
- Built a REST API endpoint with Spring Boot and Spring Data JPA to retrieve details of registered merchants.
- Developed a Python script to read records from a CSV file and automate sending POST REST API requests for hundreds of records.

11/2022 - 12/2023

Pune

• Software Engineer E

WorldPay

- Developed a service to consume real-time updates from Visa via a Kafka topic, process the messages, and produce them to a different Kafka topic.
- Implemented AES encryption and decryption for account numbers, ensuring the encryption key is securely stored in an OpenShift secrets file.
- Enhanced system performance by implementing database partitioning and indexing on a PostgreSQL database.
- Implemented an event-driven retry mechanism to automatically restart the Spring Batch job upon manual posting of a message on the ActiveMQ queue.

11/2021 - 10/2022

Pune

• IT Trainee

WorldPay

- Implemented unit tests using JUnit 5 and Mockito to achieve 100% code coverage, meeting SonarQube quality standards.
- Proactively mitigated Blackduck violations and Checkmarx vulnerabilities to safeguard code integrity.
- Automated performance testing of the application using Shell Script.
- Conducted precise root cause analysis to address production bugs, fixed them, and implemented preventive measures to prevent recurrence.

EDUCATION

08/2017 - 07/2021

Mumbai

• Bachelor of Engineering - Computer Engineering

Don Bosco Institute of Technology

KEY ACHIEVEMENTS



Winner in Hashnode Open Source Hackathon

Contributed to an open-source repository during the Hashnode hackathon, securing 8th place.



ACM Mumbai Hackathon Winner (Feb 20)

Led my team to victory at the ACM Mumbai Hackathon in February 2020, showcasing exceptional problem-solving and collaboration skills.



Published a research paper in the IJCA (Mar 21)

Successfully implemented and published research on an English-to-Hindi video translation model with Deep Speech and GoogleTrans (IJCA).