

# Samiran Parui

Java Developer (Exp: 3.6 Yr +)

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## EXPERIENCE

### Zensar Technologies, Remote — Sr. Software Engineer

July 2020 - PRESENT

- Spearheaded the development of a REST API: Leveraged Spring Boot, Java 17, and PostgreSQL to build a high-performance API, meeting all project requirements on a tight timeline.
- Boosted background job processing: Designed and implemented a scheduler solution in a multi-pod environment to automate and migrate background jobs, ensuring smooth system operation.
- Contributed to ESB decommissioning: Analysed requirements and performed cost estimation, ensuring a smooth transition to a streamlined architecture.
- Revamped codebase for clarity and efficiency: Refactored legacy code, improving readability and maintainability for long-term project health.
- Enhanced operational efficiency: Implemented Google PubSub for asynchronous communication, significantly reducing API latency and improving user experience.
- Empowered observability with Splunk dashboards: Collaborated with the observability team to create detailed dashboards in Splunk, tracking pubsub payload flows and processing stages.
- Enhanced transparency and troubleshooting: Provided granular insights into message transmission and processing, facilitating faster issue identification and resolution.
- Troubleshoot and resolve production issues: Quickly identified and fixed critical production bugs, minimizing downtime and maximizing user satisfaction.
- Maintained code quality: Actively participated in code reviews and implemented best practices, contributing to a maintainable and scalable codebase.

## SKILLS

- Java
- Spring Boot
- Spring Cloud
- Google Cloud
- Resilience4J
- Zipkin
- RabbitMQ, G PubSub
- MYSQL, MongoDB
- Grafana
- Terraform
- Jenkins
- Angular(Beginner)

## EDUCATION

**Government College of Engineering and Leather Technology, Kolkata — Btech in Information Technology (cgpa-8.28)**

September 2017 - July 2020

**Dr. Meghnad Saha Institute of Technology, Haldia — Diploma in Computer science(73.7%)**

2017

## PROJECTS

### Online Shopping Application — *Spring boot project*

- Here I implemented 4 Services- product service, order service, inventory service and notification service
- Product service is backed by MongoDB and takes care product configuration of the application
- Inventory service is backed by MySQL and takes care of the inventory that means it will verify, that product is present in stock before customer place the order
- Order service is also backed by MySQL and it takes care of processing the order placed by customer
- Notification service is going to perform asynchronous communication using event driven architecture and send updates to customers
- Also created API Gateway microservices so that all the request are routed to the corresponding service
- To secure microservices used KEYCLOAK authorization server
- Used HashiCorp vault to store passwords in secure manners
- Used Netflix Eureka for service registry
- Zipkin for distributed tracing