

GOUSE SHAIKH

Backend Software Engineer | Java · Spring Boot · Kafka · Microservices

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PROFESSIONAL SUMMARY

Backend Engineer with **4+ years** of experience building low-latency trading systems and event-driven microservices in Java/Spring Boot, processing 100K+ daily transactions and serving 50K+ users. Track record of cutting order-processing latency by **97%** and report generation time by **80%**.

TECHNICAL SKILLS

Languages: Java 17, Python, SQL

Frameworks & Libraries: Spring Boot, Spring Security, Spring Data JPA, Hibernate, REST APIs, gRPC, WebSockets, JWT

Databases & Caching: PostgreSQL, MySQL, SQL Server, Redis, DynamoDB

Distributed Systems: Microservices, Apache Kafka, Event-Driven Architecture

Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, Kubernetes, Helm, Jenkins, Azure DevOps, CI/CD

Tools: Git, Swagger/OpenAPI, JIRA

Methodologies & Concepts: Agile (Scrum), Domain-Driven Design (DDD), System Design, Multithreading, Performance Optimization

Testing & Build Tools: JUnit, Mockito, Maven

PROFESSIONAL EXPERIENCE

Software Engineer

Apr 2025 – Present

Orosoft Solutions

Mumbai, India

- Architected multi-tenant Spring Boot microservices for enterprise financial platforms, serving **50K+** active users across 15+ enterprise clients.
- Refactored 10+ legacy SQL stored procedures into domain-driven Java services, reducing report generation time by **80%** (from roughly 25s to 3s per run).
- Engineered Kafka-driven event-processing pipelines integrated with Redis caching and gRPC communication, increasing throughput by **3×** while reducing average response time from **450 ms** to **120 ms**.
- Streamlined application deployments using Docker, Kubernetes, Helm, Azure DevOps, and CI/CD pipelines, reducing deployment time by **65%**.
- Spearheaded database optimization and API design reviews across multiple microservices, identifying and resolving key performance bottlenecks and contributing to **99.9% platform uptime**.
- Mentored 4 junior engineers on Spring Boot best practices and code review standards.

Associate Software Engineer

Jun 2022 – Mar 2025

Orosoft Solutions

Mumbai, India

- Built backend services using Java, Spring Boot, Hibernate, REST APIs, WebSockets, and FIX Protocol integrations to process more than **100K trading transactions daily**.
- Optimized multithreaded QuickFIX/J services, reducing order-processing latency from 39ms to **under 1ms, a 97% improvement**.
- Implemented JWT-secured REST APIs supporting trading operations and third-party integrations for **5K+ concurrent users**.
- Resolved **35+ critical production incidents** through root cause analysis and performance tuning, improving platform reliability and maintaining **99.8% operational stability**.
- Collaborated with cross-functional teams to deliver new features, including real-time market data streaming, order management, and reporting modules.

PERSONAL PROJECTS

AI-Powered Log Analyzer | Java, OpenAI API | [GitHub](#)

2026

- Developed an AI-powered log analyzer that leverages OpenAI's GPT-4 API to automatically analyze and summarize application logs.
- Integrated asynchronous request processing, request batching, and rate limiting to efficiently handle large log files while complying with API limits.
- Designed modular backend components for log parsing, prompt generation, AI response processing, and structured result presentation.

Technologies: Java, OpenAI API, Spring Boot, REST APIs

AI-Powered Recommendation Engine | Python, Machine Learning | [GitHub](#)

2024

- Built a recommendation engine using collaborative filtering to generate personalized item recommendations based on user behavior.
- Applied data preprocessing, similarity computation, and recommendation ranking using Python and scientific computing libraries.
- Evaluated recommendation quality using offline metrics and optimized the recommendation pipeline for faster inference.

Technologies: Python, Machine Learning, NumPy

EDUCATION

Ramniranjan Jhunjhunwala College, Mumbai University

Jun 2019 – Apr 2022

B.Sc. Information Technology – **CGPA: 9.55 / 10**

CERTIFICATIONS & AWARDS

- Java Programming Certification - Udemy
- AI with GitHub Copilot Certification - Udemy
- Quarterly Performer Award for Outstanding Performance – Orosoft Solutions