Ibrahim Shammaz

Java Backend Developer | Spring Boot | Microservices

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Immediately Available • LinkedIn : linkedin.com/in/ibrahim-shammaz

Portfolio : https://ibrahimshammaz.netlify.app/ • GitHub : https://github.com/Shammaz39

PROFESSIONAL SUMMARY

Java Backend Developer with close to 3 years of hands-on experience building and supporting production-grade backend systems using Java 17, Spring Boot, and microservices-based architectures. Proven experience in FinTech domains, including order validation, risk checks, and high-availability services. Strong in L3 production debugging and secure REST API design using JWT authentication. Adept at designing scalable, reliable APIs and collaborating across teams in Agile environments.

CORE SKILLS

Languages: Java (8, 17), SQL

Backend: Spring Core, Spring Boot 3, Spring Security

APIs & Security: RESTful APIs, JWT Authentication, Swagger/OpenAPI

Databases: MySQL, PostgreSQL

DevOps & Cloud: Docker, CI/CD pipelines (Jenkins, Git-based)

Tools & Practices: Git, Postman, IntelliJ IDEA, Agile, L3 Production Debugging

Basic Frontend (Supporting Skills): HTML, CSS

PROFESSIONAL EXPERIENCE

OmneNEST Technologies Pvt Ltd, Software Engineer ⤴   08/2023 – 01/2026 | India
- Developed a **centralized scrip management service** handling **10,000+ scrips across 9+ exchanges**, eliminating multi-service restarts and improving overall system stability.
- Migrated **IPO and OFS modules from Java 8 to Java 17** using **Spring Boot**, reducing technical debt and improving API documentation via **Swagger**.
- Performed **L3 production debugging and hotfix releases**, resolving critical production issues through **Log4j analysis** and ensuring high system availability.
- Collaborated with **OMS and RMS teams** to implement **order validation, risk checks, and reliable inter-service communication** in FinTech workflows.
- Participated in **Agile ceremonies** including sprint planning and reviews.

PERSONAL PROJECTS

Payment Gateway System
- Designed and implemented a **microservices-based payment gateway** using **Java 17 and Spring Boot**, with clear separation between Merchant, Payment, Processor, and Notification services.
- Implemented asynchronous payment workflows using message-based processing (Kafka) and applied **Redis-based idempotency** to prevent duplicate payment processing during retries and failures.
- Secured APIs using **JWT authentication and API key validation**, and containerized services using **Docker Compose** for consistent local and multi-service environments.

Personal Finance Tracker
Frontend: https://shammaz-financetracker.netlify.app/ ⤴
Backend: https://finacialtracker-a527.onrender.com/swagger-ui/index.html ⤴
- Built a **secure expense tracking backend** using **Spring Boot, PostgreSQL, and JWT-based authentication**.
- Designed **REST APIs** for transaction management, category tracking, and **secure user-level data isolation**.
- Integrated **Swagger/OpenAPI** and applied **clean API design and validation** for maintainable, real-world usage.

EDUCATION

Bachelor in Engineering (B.E), Visvesvaraya Technological University   2019 – 2023 | Mangalore, India
CGPA : 8.36/10

TRAINING & CERTIFICATIONS

- Full Stack Java Training – KodNest Technologies (Remote)