

# Ibrahim Shammaz

## Java Backend Developer | Spring Boot | Microservices

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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 script management service** handling **10,000+ scripts 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)