Bhagyashree U

JAVA Backend Developer

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Career Objective

Java Backend Developer with 2.5 years of experience in building scalable and maintainable backend services using Java and Spring Boot. Experienced in designing RESTful APIs, microservices, and working with SQL/NoSQL databases. Skilled in cloud integration, messaging systems, and problem-solving to deliver efficient and reliable software solutions.

JAVA Skill Set

- **Java & Spring Boot Proficiency:** Solid understanding of Java 8, core and advanced Java concepts, data structures, and hands-on experience with Spring Boot for building scalable and maintainable backend services.
- **Microservices & Distributed Systems:** Designed and implemented microservices architecture enabling modular, scalable applications with smooth inter-service communication.
- **REST API Development:** Proficient in building RESTful APIs for travel bookings, procurement, and asset management systems, with documentation using Swagger.
- **Database Management (SQL & NoSQL):** Skilled in schema design, query optimization, and integration with PostgreSQL, MongoDB, and SQLite for Java and Python-based services.
- **Messaging & Notifications:** Implemented Kafka for asynchronous messaging and event-driven notification systems; integrated AWS SES and MSG91 for automated email/WhatsApp communication using Freemarker templates.
- **Cloud & DevOps:** Hands-on experience with AWS (SES, EC2, S3).
- **Procurement & Inventory Systems:** Built modules for procurement lifecycle, vendor management, inventory synchronization, and order tracking.
- **Collaboration & Version Control:** Proficient with Git for source control, enabling effective collaboration and clean code management across teams.
- **Problem Solving & Debugging:** Strong analytical skills for troubleshooting, log analysis, and debugging backend systems in production.
- **Ownership & Best Practices:** Demonstrated ability to take end-to-end ownership of services, follow clean architecture principles, and ensure secure, maintainable, and modular code.

Key Skills

- **Java:** Core Java, Advanced Java, Java 8, Spring Boot

- **REST APIs & Microservices**: RESTful APIs, Microservices architecture, Swagger

- **Database Management:** PostgreSQL, MongoDB, SQLite, SQL & NoSQL integration

- **Messaging & Notifications:** Kafka, AWS SES, MSG91, Freemarker templates

- **Cloud & DevOps:** AWS (SES, EC2, S3)

- **Collaboration & Version Control**: Git for source control and team collaboration

Organization: HG Infotech (Feb 2024 – till)

Client 1: Fastays

Role: Java Backend Developer

- ➤ **Notification Service Ownership**: Designed and implemented a centralized messaging & notification system covering all modules (Hotel, Flight, Bus, Tours). Automated booking confirmations, cancellations, and modifications with Java Spring Boot, AWS SES, and Freemarker (FTL) templates.

- ➤ **Tours Module Development:** Built the Tours module where DMCs (Destination Management Companies) can register, create, and manage tours. Implemented user-facing booking flows with Razorpay integration.

- ➤ **Admin & DMC Notifications**: Developed workflows to send alerts whenever tour details are created, updated, or modified. Ensured targeted notifications were delivered to the super admin and respective DMCs for transparency and control.

- ➤ **Secure & Scalable API Development**: Built and maintained REST APIs for booking lifecycle (create, cancel, modify, view), ensuring security, modularity, and scalability within microservices architecture.

- ➤ **Java 8 Features & Stream API**: Utilized Java 8 functional programming and Stream API for data processing, filtering, and transformation to improve code readability, reduce boilerplate, and enhance performance across booking and notification services.

Client 2: HG Infotech *(July 2023 – Feb 2024)*

Role: Java Developer

Highlights:

- ➤ Developed and maintained backend logic using Java (Core, Spring, Spring Boot) for asset management workflows.

- ➤ Designed and optimized PostgreSQL database schemas for efficient asset tracking and performance.

- ➤ Built RESTful APIs to support frontend and mobile integration, enabling seamless communication across services.

- ➤ Implemented automated email notifications for asset lifecycle events (assignment, transfer, lease) using AWS SES and Freemarker templates.

- ➤ Wrote business logic for lease lifecycle management, asset assignment, transfer, and availability tracking.

- ➤ Integrated Swagger for API documentation and improved developer collaboration.

- ➤ Ensured effective teamwork and clean code practices using GitHub for version control.

Academic Background

Education	College/school	University/Board	Year of Passing
MCA	Sharan Basava University, Gulbarga	Sharana Basava University	2022
BSc	Nutana Vidyala College, Gulbarga	Gulbarga University	2020
PUC/12 th	Mahesh PU College, Gulbarga	Department of Technical Education Board, Karnataka	2017
SSLC/10 th	Shantiniketan High School, Gulbarga	Karnataka Secondary Education Board	2015