

ADARSH SHRIVASTAVA

Software Engineer I | 2+ Years in SpringBoot Development

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Professional Summary

Backend Engineer with strong expertise in **Java, Spring Boot, Microservices, and Spring Cloud**. Experienced in building scalable distributed systems, RESTful APIs, service discovery, centralized configuration, and database-driven applications. Skilled in **JPA/Hibernate, SQL, multithreading, exception handling, API design, and JVM fundamentals**.

Focused on writing clean, modular, interview-ready code with a deep understanding of internal workings, memory allocation, and concurrency.

Experience

Software Engineer I – Newgen Software

June 2024 –

Present Tech Stack: Java, Spring Boot, Spring MVC, Spring Cloud (Eureka, API Gateway, Config Server), REST APIs, Oracle SQL, JPA/Hibernate, Git, Maven

Developed and enhanced backend components for enterprise banking systems using **Java** and **Spring Boot**, ensuring scalable and secure service implementations. Built and optimized **RESTful APIs** for trade finance modules, improving workflow execution, data validation, and error handling across multiple banking processes. Resolved numerous **production, SIT, and UAT defects**, improving system stability, functional accuracy, and user experience. Designed clean, modular service layers using **Spring MVC, JPA**, DTO mapping, and global exception handling for better maintainability. Designed clean and maintainable service layers using **Spring MVC, JPA, DTOs, and global exception handlers**.

Onsite Experience – Pune (Bank of Maharashtra, Import LC UAT): Traveled onsite for **User Acceptance Testing (UAT)** execution for the Import LC module. Led **defect analysis**, performed **Root Cause Analysis (RCA)**, reproduced issues, verified backend logic, and validated fixes. Coordinated directly with **business teams, QA engineers, and project managers** to ensure timely issue closure and successful UAT sign-off. Ensured smooth communication between onsite teams and the development team, resulting in efficient resolution of complex functional and workflow-related issues.

Projects:

- Trade Customer Portal – Qatar Islamic Bank (QIB):** Developed backend components using **Java** and **Spring Boot**, delivering secure and scalable **RESTful APIs** for multiple trade finance workflows including LC issuance, amendments, and document submissions. Improved system performance by optimizing **Oracle SQL** queries and refining workflow logic. Enhanced application reliability by strengthening **validation rules**, implementing robust **exception handling**, and improving overall API design. Collaborated with business teams and QA to ensure accurate requirement implementation, smooth testing cycles, and successful production deployment.
- Microservices-Based Organization Management System :** Built a **Spring Boot Microservices system** with Organization, Department, and Employee services, each using its own database and clean layered architecture. Implemented **Eureka Server** for service discovery, **API Gateway** for unified routing, and **Spring Cloud Config** for centralized configuration. Enabled inter-service communication using **RestTemplate/WebClient**, allowing real-time aggregation of organization, department, and employee data. Added global exception handling, DTO mapping, validation, and optimized JPA-based persistence. The project demonstrates strong understanding of distributed systems, microservice design principles, and Spring Cloud ecosystem.

Technical Skills

Languages & Frameworks: Java, Spring Boot, Spring MVC, Spring Cloud (Eureka, API Gateway, Config Server), Microservices Architecture, Java 8 (Streams, Lambdas)

Databases: Oracle SQL, MySQL/PostgreSQL, Stored Procedures, Query Optimization, Joins & Indexing Concepts

Microservices & Distributed Systems: Service Discovery, API Gateway Routing, Centralized Configuration, Fault Tolerance (Basics), Interservice Communication (RestTemplate/WebClient)

Data Structures & Algorithms: Strong grasp of arrays, linked lists, stacks, queues, trees, graphs, hashing, recursion, searching/sorting techniques, and time/space complexity analysis

Other Skills (Familiarity): Kafka (Producers, Consumers, Topics, Offsets)

Education

Bachelor of Technology (Computer Science & Engineering)

Maharaja Surajmal Institute of Technology (MSIT), Janakpuri, New Delhi

Affiliated to GGSIPU