

SRIJAN CHANDRA

Java Backend Developer

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SUMMARY

Java Backend Developer with **3.7+ years** of experience in building scalable **microservices** and **RESTful APIs** using **Java 8/17**, **Spring Boot** and **Spring Cloud**. Proven expertise in **event-driven architectures** (Kafka, JMS), **relational databases** (Oracle, PostgreSQL) and **CI/CD pipelines** (Jenkins, GitLab). Committed to delivering high-performance, fault-tolerant enterprise solutions by applying **SOLID principles**, **clean code** and **GoF design patterns**—including **Singleton**, **Factory**, **Strategy** and **Observer**. Proficient in **Data Structures and Algorithms (DSA)** and microservices patterns like **Circuit Breaker** and **CQRS** to ensure system resilience.

WORK EXPERIENCE

Senior System Engineer at Infosys Limited, Bangalore

[2022 - Present]

Project: Chatbot & Automation - Verizon Communications Inc.

Tech Stack: Java 17, Spring Boot, Spring Cloud, Kafka, Oracle DB, JPA.

Roles and Responsibilities:

- Designed, developed, and enhanced backend microservices for chatbot and automation platforms using **Java 8/17, Spring Boot, Spring Framework, JPA, and Oracle Database**.
- Participated in **HLD** and **LLD** phases to deliver scalable and maintainable RESTful APIs supporting distributed microservice architecture.
- Applied **SOLID design principles** and refactored legacy components, improving code maintainability and reducing technical debt by 25%.
- Integrated inter-service communication with **Spring RestClient** and **Apache Kafka (Saga Pattern)**, increasing message throughput by 20% and improving fault tolerance.
- Optimized database operations using advanced **JPA techniques** and **Oracle SQL query** tuning, reducing query latency by 30%.
- Implemented **JWT-based authentication** and session management ensuring secure and stateless communication across services.
- Developed and consumed **REST APIs with JSON/XML payloads** to support cross-application integrations.
- Created maintainable server-rendered UIs using **Thymeleaf**, improving handoff between backend and frontend teams.
- Utilized **Spring Cloud components** (Config Server, Service Discovery, API Gateway, Circuit Breaker, Redis) for dynamic microservice orchestration and fault recovery.

SKILLS

Languages & Databases: Java 8/17, SQL, PL/SQL, JavaScript, Oracle, PostgreSQL.

Frameworks & Libraries: Spring Boot, Spring Cloud, Spring MVC, JPA/Hibernate, Apache Kafka, JMS, JUnit, Mockito.

Architecture & Concepts: Microservices Architecture, RESTful API Design, Multithreading, SOLID Principles, Design Patterns, Data Structures and Algorithms using Java.

DevOps & Tools: GitLab, Jenkins, SonarQube, Postman.

EDUCATION

Bachelor of Technology in Information Technology | Result: **83.4%**

[2018 - 2022]

Dr. A.P.J. Abdul Kalam Technical University

AWARDS AND RECOGNITION

Insta Award by Infosys Limited

For dedication and contribution towards project delivery.