

Sumit Kumar



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TECHNICAL SKILLS

Programming & Frameworks:

Java, Spring Boot, REST APIs, SOAP APIs, Microservices, Flask (Python)

Testing & Code Quality:

JUnit, Unit Testing, SonarQube, Diffblue

DevOps & Platforms:

Git, GitHub, Bitbucket, OpenShift, Harness, CI/CD Pipelines

Security & Quality Tools:

Snyk, Internal AI tools

Concepts:

SDLC, Load Balancer Concepts, Distributed Systems, Exception Handling, Global Exception Handling

Work Experience

Tata Consultancy Services (TCS)

System Engineer - Java Backend Developer | Citibank | BFSI Domain

Aug 2024 – Present

Roles & Responsibilities :-

Kolkata, India

- Designed, developed, and maintained **scalable backend APIs** using **Java and Spring Boot** for enterprise BFSI applications.
- Took **end-to-end ownership** of multiple APIs, handling requirement analysis, development, testing, deployment, and production support.
- Successfully delivered **3 production-ready APIs**, ensuring high performance, reliability, and security.
- Implemented **RESTful and SOAP APIs** aligned with enterprise architecture and compliance standards.
- Wrote comprehensive **JUnit test cases**, improving test coverage and ensuring long-term maintainability.
- Collaborated with **Kafka teams, data ingestion teams, QA, and product owners** to ensure seamless integration and timely delivery.
- Worked extensively with **CI/CD pipelines** using **GitHub, Bitbucket, Harness, and OpenShift**.
- Improved code quality and security using **SonarQube, Snyk, and Diffblue**.
- Developed backend services using **Flask (Python)** based on evolving project needs.
- Implemented **global exception handling** and structured error management for resilient services.

CERTIFICATIONS

- Oracle Certified Associate (OCA), Java SE 8 Programmer
- Oracle Cloud Infrastructure Certified Foundation Associate
- Oracle Cloud Infrastructure Certified AI Foundation Associate

Education

Anna University

B.Tech : Electronics Engineering

July 2020 - June 2024

School:

Sainik School Kazhakootam