Contact

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vrajeshpatel05 (LinkedIn)

Top Skills

Java

MongoDB

Spring Boot

Certifications

Robotic Process Automation

Introduction to OpenShift

Microsoft certified Azure
Fundamentals

Databases for Developers:
Foundations

Vrajesh Patel

System Engineer at Tata Consultancy Services

Gandhinagar, Gujarat, India

Summary

Java Developer with 4.6+ years of hands-on experience in modern application development. Specialized in creating microservices with Spring Boot and proficient in Oracle SQL and MongoDB. Proven ability to lead agile teams, translate requirements into technical solutions, and ensure successful, on-time code delivery.

Experience

Tata Consultancy Services

4 years 9 months

System Engineer

December 2021 - Present (4 years 3 months)

Contributed to the migration of Inventory data from Oracle to MongoDB across multiple domains, including developing performance-optimized APIs. This initiative consolidated databases, enabled efficient unstructured data management, and reduced infrastructure costs by 20%.

Architected and implemented the decomposition of a monolithic microservice into 5 distinct, business-focused microservices, which boosted overall system performance by 30%, reduced load, and enabled future API expansion.

Developed and deployed a standardized, UI-based template creation tool for Inventory consumption, automating and streamlining the entire workflow. This innovation eliminated manual excel dependencies, significantly reduced data mismatches, and accelerated project completion time by 50%.

Assistant System Engineer

June 2021 - December 2021 (7 months)

Orchestrated an API-driven migration of legacy inventory data to Oracle DB, resulting in a clean, structured inventory system that significantly enhanced business operations and data accuracy.

Education

Malwa institute of Technology, Nipaniya Byass, Indore

Bachelor of Technology, Computer Science · (2017 - 2021)