

VAIBHAV VIJAYVARGIYA

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Professional Summary

Backend Java Engineer with **4+** years of experience building enterprise banking solutions using **Java, PL/SQL, and Oracle Database**. Skilled in **REST API development, database performance optimization, and handling high-volume transaction systems**. Strong problem-solving abilities with a focus on debugging, optimizing existing systems, and delivering reliable solutions in production environments.

Education

Bachelor of Technology, NMIMS University, Mumbai 2018 - 2022
Information Technology - CGPA: **3.39/4**

Key Skills

Backend : Java, Spring Boot, JPA/Hibernate, REST APIs, PL/SQL
Frontend : Knockout.js, Oracle JET (OJET), HTML, CSS, JavaScript, JackBe
Databases : Oracle DB, SQL, MySQL, MongoDB, PostgreSQL
Tools : Git, GitHub, Jenkins, CI/CD, Maven, Postman, Jira, SVN

Experience

Oracle Financial Services Software (OFSS) Mumbai
Senior Software Engineer (Staff Consultant) July 2022 - Present

- Developed new features and enhanced existing workflows in the product '**FLEXCUBE**' for **HDFC Bank..**
- Developed **REST API** service for updating Aadhaar numbers and IIN details, consumed by **10M+ customers**, ensuring secure and scalable customer data management.
- Designed and implemented high-performance backend business logic using **Java** and **PL/SQL** for core banking modules, optimizing Oracle database queries and business logic to support systems processing over **10K** transactions per second.
- Developed the BSE fraud detection project using **Spring Boot**, building microservices to identify fraudulent stock market users.
- Contributed to product modernization, replacing legacy Internet Explorer/COM-dependent UI with a browser-agnostic **Oracle JET + Knockout.js** interface, enabling migration of 50K+ users before legacy platform decommissioning.
- Built and maintained batch processing workflows for debit block automation, VISA expiry validations, and alert generation systems.

Projects

Fitness Tracker – Microservices Platform - SpringBoot, Spring Cloud, PostgreSQL

- Built a microservices-based fitness tracking backend using Spring Boot, enabling activity logging and AI-driven recommendations.
- Implemented service discovery with Eureka and API routing via Spring Cloud Gateway.
- Enabled event-driven communication using Apache Kafka between Activity and AI services.
- Secured APIs using OAuth2 authentication with Keycloak and integrated Spring AI for personalized recommendations.

AI Email Reply Assistant (Chrome Extension) - SpringBoot, ReactJS, Node.js, PostgreSQL

- Developed a Spring Boot backend service that generates AI-powered email replies based on user input and selected tone.
- Integrated Google Gemini API to generate contextual responses using prompt-based AI inference.
- Built a Chrome browser extension with React to capture email content and interact with backend REST APIs for real-time reply generation.