

Navadha Mankodi

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WORK EXPERIENCE

Oracle India Private Limited Aug 2022 – Present
Senior Application Engineer Hyderabad

- Developed various features in Oracle Fusion Inventory Management, enhancing functionality and performance.
- Led cross-functional collaboration to analyze and resolve integration gaps in order fulfillment flows spanning Order Management, Inventory, WMS, and OTM.
- Migrated Oracle Fusion Inventory Management UIs from ADF to VBCS, enhancing user experience through modernization.
- Enhanced Portugal shipping documents (packing slips, bills of lading, and commercial invoices) for drop-ship orders with QR codes to ensure compliance with tax regulations.
- Developed backend APIs and REST services to support implementation of new features.
- Improved OIC integrations supporting complex workflows across products, boosting system efficiency.
- Strengthened unit testing infrastructure and identified intricate functional flows for rigorous QA testing.

Kognosdata Private Limited July 2021 – July 2022
Software Developer Bangalore

- Developed data management and visualization applications using Java (Vaadin, Spring Boot, JDBC) with Databricks backend.
- Built an internal bug tracking and task management system using Java technologies and MySQL for internal use.
- Designed and tested Java and python based REST APIs.
- Oversaw the deployment and maintenance of applications on AWS and Azure.
- Actively worked on migration to GCP for cost efficiency.
- Maintained Databricks notebooks for geomechanics calculations and database operations.
- Developed Databricks cluster management module for applications using AWS Secret Manager.
- Oversaw training programs and developed a training application that significantly reduced the onboarding time for interns and new hires.

SKILLS

Languages/Frameworks

Java | Spring Boot | JDBC | Hibernate

SQL | PL/SQL

JavaScript

Oracle Visual Builder Cloud Service (VBCS)

Python | Flask

Oracle ADF (Application Development Framework)

Oracle Integration Cloud

Microservices Architecture

GIT | Docker | Kubernetes

PROJECTS

Simplified Git Implementation

Built a basic version control system with core Git-like commands (init, hash-object, cat-file, ls-tree, write-tree, commit-tree), implementing content-addressed storage, commit tracking, and file versioning using SHA-1 hashing.

Lightweight HTTP Server

Built a simple HTTP server in Java, supporting GET/POST requests, serving static files, and handling multiple concurrent connections efficiently.

Fault Detection and Root Cause Analysis Using Statistical Measures

Developed cross-correlation based algorithm for automatic root cause detection in chemical plants, achieving 96 % accuracy for non-oscillatory faults and 75.69 % for oscillatory faults, outperforming spectral envelope method (69.41 % accuracy) and others.

EDUCATION

2019 – 2021 **Master of Technology**
Chemical Engineering
IIT Guwahati

2014 – 2018 **Bachelor of Engineering**
Chemical Engineering
LEC Morbi, GTU