Malireddi Pandavulu

Java ||Docker||Kubernetes||OpenShift|| SQL||Spring boot||micro services||API development||Data science

Professionally qualified Java programmer with overall 9 years of experience in Design and Development on cutting edge technologies.

✉ pandavulu.malireddi@gmail.com **DOB**: 08th June 1990 📱 +91-9618463746

🧠 Profile Summary

- A Solid 9+ years' experience in **Java/J2EE** applications development.
- Good exposure in **micro services**, **spring boot**, Hibernate and JPA
- Strong knowledge on **Git, Kubernetes, Docker** and **OpenShift**.
- In-depth knowledge in **Statistics and Probability,** DBeaver, Toad/SQL Developer for Designing SQL Statements
- Engaged in **Data Analysis, Statistical Model Building**, Predictive Analysis, Hyper parameter Tuning, Visualization in Python
- Hands-on experience on executing the projects in **Agile** and **Scrum development Methodologies**
- Proficiency in writing complex **SQL queries** to validate complex business logics

📊 Core Competencies

microservices
Java
Docker
Mockito & Junit
Hibernate
Machine Learning
Kubernetes/OpenShift
spring boot
Research and Development

🖥 Technical Skills

- **Programming Languages:** Java, python
- **Frameworks:** REST, Spring boot, micro services, Hibernate, JPA
- **Data Science:** Machine Learning
- **Big Data Technologies**: Hadoop Eco Systems (HIVE, SQOOP), Kafka
- **Cloud Technologies:** OpenShift, Docker, Kubernetes
- **Database:** Oracle, MySQL, hive, DB2
- **Version Control Tools & GUI:** GitHub, Jupyter Hub, Spyder, Eclipse, SonarQube, Mockito, Junit, IntelliJ, PyCharm
- **Query Languages:** SQL, HiveQL

📊 Notable Accomplishments and Certifications

- Received recognition for the successful Project execution in Optum Rx portfolio in 17th October 2017
- Received recognition from onshore CIO for Best performance on 13th Jul 2018.
- Received award from onshore director for innovation on DevTest
- Received Recognition for the soft PA suggestion.
- Received Best Agile Team award

📱 Soft Skills

Change Agent

Communicator

Collaborator

Motivator

💼 Organizational Experience

- From Oct 12th, 2016 associated with **United Health Group (OPTUM)** as Sr. Java developer.
- Since Aug 13th, 2012 to Oct 10th, 2016 associated with **Alacriti info systems Pvt. Ltd** as Java Developer.

🕴️ Timeline

Since – Oct. 2016
United Health Group as Senior software Engineer

Aug. 2012 – Oct. 2016
Alacriti info systems Pvt. Ltd as a Java Developer

Key Result Areas:

- Executing data driven solutions to increase efficiency, accuracy, and utility of internal data processing
- Developed Java application for International transfers for HSBC
- Involves in Requirements gathering and guide to junior members to resolve
- As a technical lead guided team member in right direction to achieve project achievements and guidelines
- Responsible for delivering project in given timelines.
- Received around 20 awards for projects execution and Research work.

🎓 Academic Details

- MTech CSE from JNTU Hyderabad
- B. Tech CSE from JNTU Kakinada
- Intermediate from Siddhartha Junior college, Tuni
- S.S.C from Zilla parishad high school, Tuni

Projects Executed:

Project: 1

- **Title: Client**: UMR Product

    Employer: UHG

    Tools/Technologies: Spring boot, micro services, Java, JPA, Hibernate, cobertura, Mockito

    Description: UMR is a third-party insurance management system. In this we were developed many micro services that can provide claims lookup and provider lookup.

Project 2:

🔵 **Title:** RxLink/Precheck Myscript

Client: UHG

Tools/Technologies: Spring, micro services, Java, Hibernate, Jenkins, Git

Description:

Check current prescription coverage and price, including out-of-pocket prescription costs for UnitedHealthcare members at their selected pharmacy.

Get information on lower-cost prescription alternatives, if available, to help save members money.

See which prescriptions currently require prior authorization or are non-covered or non-preferred.

Project: 3

🔵 **Title: Claim Routing Prediction**

Client: UMR Product

Employer: UHG

Tools/Technologies: python, Data Lake, Jupyter hub, Flask, apache airflow, hive

Description: While claim processing time UMR is sending different vendors to check for the discounts associated for the claim. Earlier to our model it will go to different vendors and get the best discounts sequentially. This process takes long time to process the claim. Our model correctly predict the partner and it directs directly to the partner to save time lapse to complete claim process.

Project: 4

🔵 **Title: FXOW (Foreign Exchange Order Watch)**

Client: HSBC

Employer: Alacriti Info systems Pvt Ltd

Tools/Technologies: Java, IBM MQ, REST services, IBM WebSphere, Spring framework

Description: Before FXOW customer can place foreign exchange at current rates. But after FXOW customer can place the order at his convenient rate and FXOW engine keep on watching external markets and it will fulfil the order when rate reaches.

E.g.: current rate of USD-INR is 1USD-65 INR. But as a customer I want 1USD-70INR so that whenever market reaches to 70 INR for 1USD then FXOW automatically matches the order and executed transfer.

Project: 5

● **Title**: **soft PA**

Client: Product

Employer: UHG

Tools/Technologies: Flask, python, statistical models, Spyder, OpenShift cloud environment

Description: soft PA can be either approve or reject Prior authorization. For every cashless treatment needs prior authorization with the insurance provider. we were implemented a model that can automate approve or reject the prior authorization.

Project: 6

● **Title**: *Global View Global Transfers*

Client: HSBC

Employer: Alacriti Info systems Pvt Ltd

Tools/Technologies: Java, IBM MQ, REST services, IBM WebSphere, Spring framework

Description: GVGT focus mainly on the International transfers between two countries. It also involves currency exchange. It has 3 flavors of transfers 1. Immediate transfers 2. Future dated 3. Recurring transfers.

I here by declare that the above furnished information is correct and true to the best of my knowledge.

Date:

Place: (Malireddi Pandavulu)