

# **Oracle Corporation**

Fulltime Employee

Designation: Application Engineer

Join Date: 2/Sept/2020

## **My responsibilities at Oracle: -**

- Developed key features in Oracle Fusion Payables Cloud using ADF (J2EE) under Scrum environment.
- Involved in the development of AP Invoices nextGen UI using Oracle JET and Oracle Visual Builder.
- Acute focus on effective application performance with optimization of PL/SQL Queries in Database.
- Application software developed under guidance of various teams in Payables like Import, Payment, Invoicing and Reports.
- Implemented automation for continuous business logic validation using JUnit Framework, Chai, Mocha for quality assurance.
- Implemented metrics collection of some ESS jobs for OAC dashboard.
- Active Interactions with Clients and PM to troubleshoot and debug Imaging issues and resolve code defects.
- Designed test cases for various modules under application testing in VBCS.
- Investigating RCA, coding the correct fix, testing/deploying/patching and merging code.
- Familiar with backport and automation impact assessment.
- Involved in P1 POC responsibility to support emergency P1 incidents.
- UI application development using OracleJET/ KnockoutJS/RequireJS and using Oracle JET components.
- Excellent skillset for design, develop, troubleshoot, and debug software programs for databases, applications, tools etc.
- Familiarity with standard professional software development processes including source code control, unit testing, and code reviews
- Ability to work with others including developers, designers, product managers, technical support personnel, and customers in a global, fast-paced environment.
- Promote and demonstrate teamwork and best industry practices.
- Quickly adapt to new technologies and work towards development goals.
- Documented knowledge under various teams into confluence pages for efficient learning for everyone.

**Summary:** As an Application Engineer, I develop new feature for our Oracle Product, enhance existing features, improve performance, implement continuous business validation using testing frameworks for automation scripts, provide customer support on critical P1s, backport and maintain versions of the product for customer upgrades while following software development best practices and processes.

## **PROJECTS DELIVERED: -**

### **Project 1: ESS Metrics Capture**

Completed implementation for "Import Payables Invoices", "Validate Payables Invoices", "Initiate PPR and Payment Confirmation" ESS metrics capture.

**High Level flow:**

- Sensor APIs capture the data in fun\_tlm\_sensor\_logs table
- Central job 'Capture SaaS Usage Metrics for Financials' which runs every 30 mins reads the data from fun\_tlm\_sensor\_logs and pushed to ESS\_SOAServer\_1-fa-metrics.log
- Once captured, job then deletes the captured data from fun\_tlm\_sensor\_logs table
- Fintech OAC dashboard reads data from ESS\_SOAServer\_1-fa-metrics.log and presents it for consumption to products

**Technologies Used:** Java, PLSQL, SQL, Database, ADE source control

### **Project 2: Invoice Action during Void Pmt Files**

When we void a payment, the invoice can be placed on hold, cancelled or no action can be taken. Need to make UI changes with seeded lookup of the LOV values for given UI fields and ensure expected behaviours in relevant flows.

#### **High Level flow:**

Integration with AP needs to be enhanced where IBY can call AP to cancel invoices or place a voided invoice on hold. IBY should be able to pass the more details so that AP invoice can be placed on any specific hold.

This requirement will have impact on many different features within AP. This feature should be supported not only when voiding through acknowledgment process but also through other methods such as voiding a single payment (through Manage Payments page), voiding all payments or voiding payments through Payables Payment REST API.

As a part of JPM integration initiative, IBY has provided disbursement acknowledgement feature. While IBY has provided ability to automatically void the rejected payments, the capability can be further enhanced.

**Technologies Used:** Java, PLSQL, SQL, Database, Oracle ADF, Jdev IDE, ADE source control

### **Project 3: Remodelling of AP Invoices UI for nextGen**

Currently Oracle ERP product is made using Oracle ADF framework. It is being remodelled to use Oracle Visual Builder and Oracle Jet to provide a more seamless and better experience to the user.

I worked on the AP Invoices UI for this nextGen Project and implemented current UI fields, behaviour and validations using Oracle Visual Builder and Oracle Jet and wrote unit test using chai, mocha.

**Technologies Used:** Java, PLSQL, SQL, Database, Oracle ADF, Jdev IDE, ADE source control, Oracle JET, Oracle Visual Builder, knockout JS, Require JS