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OSS Engineer

Certification Achieved :



Domain/System/ module Worked/Working with :

**\*Telecom BSS/OSS \* Global Payment Gateway \* Telecom OSS –Inventory Management (Provisioning & Activation ) \* Rating Charging \* Mediation \*API\*PostMan**

**Current working as a OSS Engineer with client OPTUS,Australia**

work experience as a **Data Science test engineer** with client **Telus Corporation,Canada**

**Major Testing Approach & Techniques Experience :**

**Manual Testing | System Integration – Functional Testing | Performance testing ( Shortest path Detection , Data volume Testing ) | MDDA –Multi dimension data analytics | Agile | Automation Testing|Datawarehouse /BI System**

## OBJECTIVE

To employ myself in a progressive organization that provides scope to update my practical knowledge and skills in accordance with the latest trends and be part of the team that dynamically works towards growth of the organization.

Looking for a software test engineer Job where I can utilize my SQL skills to validate ,**Datawarehousing –DWH/ETL & Manual Testing** components/System .To achieve a challenging position in Software Testing in a result-oriented company, where acquired skills and education will be utilized towards continuous growth and advancement.

## EXPERIENCE SUMMARY

- ❖ **Overall 4 years** of experience in **Software Testing** and Quality Assurance including **Database Testing SSIS Package - Datawarehousing –DWH-ETL testing.**
- ❖ Strong experience with **Mediation ,Telecom BSS/OSS ,Payment**
- ❖ Analyse **ETL** Requirements and Mapping sheet with BA
- ❖ Involved in the analysis of source systems, gathering business requirements and identification of business rules.
- ❖ Prepared and ran sql queries to verify Dimensional and Fact tables,Verifying the data in target database by ETL process,Transformation logic is applied before loading the data.
- ❖ Data flow validation from the staging area to the intermediate tables,**Surrogate key check.**
- ❖ Knowledge of all Datawarehousing /DWH concepts,Good understanding of **OLAP , OLTP,Star schema,snowflake schema**
- ❖ Understand and analyse **SRS to ensure it meets the Customer requirement**,Responsible for **Test Case Writing, Execution, Bug Tracking** and Reporting.
- ❖ Actively involved in **Review** of test Case,Performed **Functional, Integration and Retesting, Regression, Sanity, and Database testing.**
- ❖ Enough exposure to all stages of **SDLC**,Mapped the business requirements with test case by preparing **Traceability matrix**.Strong knowledge over whole Software Test Life Cycle (STLC).
- ❖ Work closely with other testers and developers with bug fixes and **Defect Analysis** Using defect management tool such as **HP ALM.**
- ❖ Wrote **SQL queries** to access the data from the **database** tables to ensure data integrity.
- ❖ Strong Knowledge about **UNIX** Commands to validate server data,A result-oriented team player and skillful in coordinating with development team and problem solving abilities.
- ❖ Capable of working under time constraints in a target-oriented environment.
- ❖ Self-motivated, Pro- Active and Quick learner of new concepts and technologies.

## TECHNICAL SKILLS

- ❖ Operating Systems Windows 95/98/2000/NT/XP, UNIX, Linux
- ❖ Languages SQL, PL/SQL,,Python
- ❖ Bug Reporting: HPALM ,Jira
- ❖ Databases : Oracle 9i/10g/11g, SQL Server 2005/2008
- ❖ ET/BI L Tools: SSIS Package,Informatica,Power BI
- ❖ Database Tools: SQL Developer

## EDUCATIONAL QUALIFICATION

- ❖ B.E – Pune University - Maharashtra

## WORKING ZONE – ORGANIZATION

Former worked as **Data Science Test Engineer** With TCS Pune, since June 2020 to Sep 2022  
Currently working as a OSS Engineer with NCSI Pune, since Oct 2022

## AWARDS

- ❖ Received Performance Star performer award from TCS for good performances .
- ❖ Received appreciation for E2E Delivery from Client **Telus Corporation,Canada**

## PROJECTS

### Project Sequence 1

- **Project Name : Enterprise Billing Solutions**
- **Vertical : Telecom BSS ,**
- **Client : Telus Corporation,Canada**
- **Technology & Tool : Data warehousing /Etl , SSIS Package**

#### **Detail Project Overview and Workflow :**

Bill for all services and payment types from a single platform, letting user get to market quickly without complex implementations holding user back. We support any business model—prepaid, postpaid, real-time, near real-time, or batch. Offer virtually unlimited payment options including credit cards, gift cards, loyalty and rewards. Customer Use billing-as-a-service and invoice design functionality to customize bills based on languages, currencies and more. Reduce time-to-market and ensure seamless onboarding of new products and innovative bundled offerings merely through configuration.Leverage capabilities, not just for generating invoices, but also for settlement generation using partner invoices and home invoices to come up with a final settlement, which enables seamless partner settlements.Ease consumption of bills or charges (rated records) from any billing systems, and provide a single consolidated invoice without any manual intervention.Utilize automated end-to-end rating, and workflow-based billing to improve operator efficiency and reduce the workload.Ensure flexibility of innovative product offerings through easily configurable product bundles and billing frequencies.Provide traffic agnostic rating and charging, ranging from regular voice and data traffic to burstable charging of IPVPN to rating any event-based service/product irrespective of vertical.

- ❖ The Vital Enterprise Billing solution features are
- ❖ Automatic Rate Ingestion
- ❖ Dynamic Rating and Discounting
- ❖ Hub Billing
- ❖ Enterprise Hierarchy Management

#### **Roles and Responsibilities:**

- Updated test plans, created test cases and test scenarios for assigned functional areas (including Transact SQL queries for data validation).
- Analyse mapping sheet and verify source and target system
- Use complex queries to check output to ensure it meets the business logic
- Executed test cases to ensure functionality meets the customer requirement
- Logged and regressed bugs using HPALM
- Maintained 12 servers used by the test team (including setup, configuration and change management).
- Performed setup and BVT testing with each build

## **Project Sequence 2**

**Project Name :** Hybrid Mediation

**Vertical /System :** Telecom BSS

**Client :** Telus Corporation,Canada

**Technology & Tool :** Data warehousing /Etl , EDI File Processing , SSIS Package , Database testing , Unix,Jobrun

### **Detail Project Overview and Workflow :**

Mediation is a key telecom node as defined in standards, which is in between the data generators, like network or IT nodes and the data consumers which are the downstream operations and business support systems. Mediation system is responsible to filter out the nonrelevant data, aggregate the partial data records and transform the data as per the format required by the data consumers. This Multi Mediation, user have one data mediation environment covering both BSS-related and OSS-related mediation, reducing IT costs and giving you the data you need to provide a consistent, high quality customer experience. Multi Mediation is a converged mediation which resides at the boundary between the network and the business support systems to improve billing accuracy and granularity, support new competitive services, deliver revenue assurance for BSS systems and prepare data for analytics, IoT or other OSS systems thereby acting as a key data monetization enabler. It collects, transforms and distributes data from your network and IT systems, making it available for a range of purposes such as charging and billing, service assurance, fraud detection and compiling statistics. It also provides post-processing systems with one stable, flexible and uniform interface for online and offline charging data collection – even when the network uses a range of technologies and equipment from multiple vendors. Key features include: Pre-integrated, Agile Mediation to Handle Service Complexity, LTE capabilities, Enabler of IT Systems Interworking.

### **Task Handled :**

- Understand the FRS document and analyse the requirement.
- Prepare the test case from use case
- Execute the test case to validate customer requirement.
- Involved in review test case and send review comments to colleagues.
- Prepared mapping sheet of SRS and test case.
- Checking the database integrity.
- Sending the Regular status to the higher authorities in a timely manner.
- Participate in status meeting to discuss about project progress report.
- Log the defect using defect management tool such as HPALM

## **Project Sequencing 3**

### **Vertical/System Involvement Area:**

Telecom OSS/BSS | Provisioning | Amdocs CRM | Quality Assurance | Data Migration | Number management |

Mobile | Wholesale | Fixed Consumers

**Client:** Optus Telecom, Australia

### **Roles and Responsibilities:**

- End to End order management.
- Root cause analysis and troubleshooting of issues.
- Ensure timely provisioning of services to customers and maintain service quality standards. This includes monitoring network performance, troubleshooting issues, and implementing solutions to improve service reliability and speed.
- Network Expansion and Maintenance: Continuously expand and maintain the network infrastructure to ensure coverage, capacity and reliability.
- Number management: cleansing and filtering data using SQL queries, loading batches of filtered MSNs, IMSIs to Neons, removing discrepancies in data, identifying and correcting errors, inconsistencies, and missing values in the data before it is loaded into the target system.
- Providing timely technical support to respective stakeholders like AMDOCS, Ericson, Nokia, Tech Mahindra

**PERSONAL DETAILS:**

Date of Birth: 29/04/1997

Language known:English,Hindi,Marathi,Japanese N5

DATE:- 5/05/2024

Location : Pune