**UmaMahesh C**

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An achievement-driven professional targeting assignment in **Test Management and Software Quality Management in Banking, Hospitality industry.**

**PROFILE SUMMARY**

* A goal-oriented professional with 8.10 **years** of experience in **Software Quality Management across huge 0Enterprise Warehouse.**
* Active participation in the Agile/Scrum practices.
* Experience with the validation of the functionality of the Report built on MSTR, Splunk, SapBO
* Experienced with the database migration, upgradation.
* Strong experience on Database Testing with the ability to write efficient and complex SQL queries.
* Proficient in converting complex business rules to SQL test scripts.
* Hand on experience on Manual Functional Testing.
* Experience on validating Splunk Report Data.
* Knowledge on performing data validations using Python pandas and Data frames.
* Strong knowledge on Datawarehouse/ETL Concepts.
* Good knowledge on Bigdata technologies, Hadoop, Spark, -Hive, Pig, Cassandra
* Hands-on-experience in large scale Data warehouse/ETL applications with efficient in SQL/PL-SQL queries and Informatica.
* Expertise in Black Box Testing, Smoke Testing, Functional Testing, System Integration Regression Testing & User Acceptance testing (UAT) and acted as Support Lead for a Data warehouse project using Informatica / PL-SQL **.**
* Knowledge on Test automation tools Selenium Web driver with java.
* Efficient in establishing and enforcing **Standard Test Processes and Deliverables** (including defect management and quality metric reporting) to streamline testing and support automation and manual testing efforts
* An effective communicator with **relationship management skills** with the capability to relate to people at any level of business and management across the globe

**CORE COMPETENCIES**

***~ Software Quality Assurance ~Test Management ~ Mentoring***

***~ETL/DWH Testing ~BI Testing ~Incident&Problem Management ~Defect Management ~Reporting&Documentation ~ClientRelationshipManagement ~~Process Improvement***

**TECHNICAL SKILLS**

* **Testing Domain**: Database Testing.DWH-ETL/BI Testing, Functional testing, Manual Testing,
* **Testing Tools/Methodologies:** Agile Methodlogy, Selenium, HP-ALM, JIRA,
* **Programming Language:**  Python, JAVA, SQL, PL SQL, UNIX Shell Scripting
* **Data Warehousing ETLTools:** Talend,Informatica PowerCenter, MDM, SSIS,
* **Data warehousing BI Tools:** Spluk, MicroStrategy, SAPB0, QlikView
* **Data Virtualization Tools:** Denodo, Data Virtuality.
* **Cloud:** Azure Data Lake, Azure Synapse Analytics
* **Databases:**  Oracle, MS-SQL Server, Teradata., Vertica.
* **Operating Systems:** Windows, UNIX.

**EXPERIENCE**

***Mphasis*** ***Hyderabad, Sr.Software Engineer in QA, Jul’2018 to Oct 2020.***

**Client**: **Confidential**,

* Prepared test plan, Strategy documents in support of the validation of the web applications and historical data maintenance functionality.
* Acting as a First point of contact for Data-ETL/BI QA.
* Performed Database schema level validation.
* Prepared Automated DB Scripts to perform database validation.
* Validated the materialized views for the data accuracy.
* Performed database stored procedure validations.
* Validated the loaded from/to Azure environment.
* Mock-up the data in lower environment and performed the DWH data validation from various sources

to Datawarehouse ETL data load process.

* Data validation for customer, Account and Transaction RAW, STG tables, conflict resolution Wide Initial, wide final tables to till al the Aggregate tables.
* In-depth, End-End report data validation.
* Performing the Big data validations.
* Conducted in-depth QA validations on the data warehouse ETL Aggregate tables
* Performed functional testing on the front-end applications.
* Performed the functionality testing on the applications.
* Mentor the team on Manual and ETL Functional testing.
* Prepared Manual testing scenarios, Test cased and involved in the peer reviews
* Involved in UAT testing for DWH ETL load.
* Built the automation framework ETL data validation using the PL/SQL procedures.
* Reviewing the test cases and applying thoughts and prepare ETL/DB scripts to automate the test cases.
* Participating in the daily scrums & updating the scrum board and coordinating with team for completion of requirements

***Organization: Accenture , Stamford, Ct, USA &Bengaluru, , Sr.Software engineer in QA***

**Client: Starwood Hotels & Resorts --Oct'11 to Apr’2018.**

* Built the automation framework for ETL testing using Oracle PL/SQL, SQL.
* Validating the behaviour of the various web applications as part of integration of the client applications
* Conducted End-to-End Functional testing on the web applications.
* Validated the Interoperability of the web applications.
* Performed various regression testing on the functionality of the Integration of the web applications.
* Supported CRISIT Continuous support for QA for duration of one month to validate the data flow and application behaviour when our client shifted the data centres from existing location to new location.
* Provided extensive support from QA perspective for legacy application validations multiple application migrations, with the various testing techniques such as Smoke Testing, regressing, sanity testing.
* Validating the data refresh done by DBA team for DWH DWB upgradation from 11g to 12C with the help of complex queries.
* Active participation in Informatica migration from 9.1 to 9.6.1 and Oracle 11G to 12c and Exadata.
* Upgrading the informatica from 9.1 to 9.6.1 in various environments Prod, QA, STG1, STG2, DEV.
* Having experience in informatica upgradation testing.
* Developed stand alone and re-usable mappings, sessions in informatica for automating the
* Creating and validating Move it scripts/jobs for inbound and outbound file transfer jobs and validating the dependency between ETL and move it jobs.
* Performing validation activates on the informatica objects like mappings, source pre- call procedures, sessions, target pre/post queries.
* Validating the shell scripts to ensure they are working fine in the new environments.
* Active participation in finding the data issues in the Exadata& Informatica upgradation.
* Validating the MicroStrategy Narrowcast reports.
* Writing test cases and automated test scripts using the selenium and executing them to validate the SPG and CCC applications functionality.
* Performing the structural and functional testing on DB objects Tables, Views, Materialized views, Triggers.
* Performing regression testing on DB objects and informatica objects to ensure data accuracy and near to zero performance issues.
* Developing automated test scripts for the test execution of various ETLs through PMCMD commands in shell scripts
* Organized and facilitated overall Release and Sprint planning -- including daily stand up calls, reviews and retrospectives.
* Mentored teams, leading them to be self-directed with strong accountability, decision making and transparency.
* Kept the teams focused on the sprint priorities, business values and protected from over-committing.
* Worked with the product owners during the sprint review sessions to make sure all stories met the Definition of Done and get the stories accepted with in the sprint
* Collaborated with software/systems personnel for testing applications using the Functional and non-functional testing methods such as –Unit testing, System testing, Unit testing, Regression testing, Re-Testing, Smoke testing, Performance testing, Usability testing
* Discover and report any defects, bugs, errors, configuration issues, and interoperability flaws
* Provided First Point of Contact for all the Production issues.
* Monitoring the data flow for 600+ ETL Applications from 42+ source applications to DWH database.
* validating the data flow of new DWH environment with the old version with respect to execution speed, data accuracy.
* Finding bugs in the new environments in DB and Informatica and working with the Informatica and Oracle support teams by raising P1/P2 tickets for the high priority issues.

**ACADEMIC DETAILS**

* M.C.A., from Sri Venkateswars University,Tirupathi
* B.Sc. (Comp.Sc.) from Sri Venkateswara University, Tirupathi.