

SUDHA SINGAVARAPU

SOFTWARE QA ENGINEER

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SUMMARY

Analytical, organized and detail-oriented Software QA Engineer with 10 years of experience in the full spectrum of Software Development Life Cycle. Collaborative team player with ownership mentality and a track record of being able to support multiple projects under tight deadlines often with competing priorities and complexities. Proficient in different phases of testing and SDLC methodologies with strong SQL scripting and ETL testing skills along with automation testing using Selenium.

SKILL SET

TESTING TOOLS	HP ALM & QCE, IBM Rational Clear Quest, JIRA
SCRIPTING	SQL, Unix Shell, HTML
DATABASES	Netezza, Oracle, SQL Server, PostGresSQL
AUTOMATION TOOLS	Selenium WebDriver & RC, Postman
VERSION CONTROL	GIT, GitBash, Bitbucket, SourceTree

WORK EXPERIENCE

TEST COORDINATOR / AVP |  **WELLS FARGO BANK N.A., CHARLOTTE, NC** **DEC 2019 – DEC 2020**

Supervised a team of offshore and onshore Quality Assurance Analysts in the Enterprise Identity Access Management (IAM) team now known as Access and Identity Management System (AIMS). Worked as a point contact for all testing activities on the migration of the application from 11g to 12c platform.

- ✓ Served as a coordinator for all testing activities on the project by initiating communication channel and collaborated with all project test teams (SIT, Automation, UAT and Performance testing teams)
- ✓ Planned and directed QA schedules and assignments, and monitored multiple project statuses in comparison to resource/time projections.
- ✓ Logged, tracked, and verified resolution of software and specification defects along with providing daily testing and defect statuses to upper management and business partners.
- ✓ Ran defect review meetings with business, DEV, UAT and performance testing teams twice a week.
- ✓ Coordinated UAT testing and provided assistance to UAT team with test data, critical and high bug statuses and updating daily test results.
- ✓ Responsible for preparing test plans, RTMs and Final Test Results summary to ensure appropriate functionality has been delivered while maintaining high quality standards.
- ✓ Coordinated and obtained sign-offs upon project closing and uploaded approvals onto the Project Management site.

- ✓ Responsible for handling the most complex quality assurance and test environment problems and issues.
- ✓ Delegated and assigned business and functional requirements to the team and assisted with the ambiguity reviews.
- ✓ Worked directly with the development business teams to help determine the best resolution to defects and/or system enhancements.
- ✓ Assisted Project Manager with the escalation of issues regarding time, schedule and scope.
- ✓ Facilitated walkthroughs of the application to the newly onboarded team members and trained new employees.
- ✓ Assisted with resource hiring process and submitted access requests for new employees for but not limited to: Environments, Databases, SharePoint sites, email distribution lists, ALM and JIRA.

Performed Lead activities in the Technology and Operation Group for testing the Financial Crimes Platform (FCP) application for the changes made as part of Global FCP project. FCP was re-designed to allow non-US team members to track suspicious activities that occur outside of the US, containing all data in a common system.

- ✓ Analyzed Business Requirements and Functional Specifications documents and other project needs.
- ✓ Designed test plans for Global APAC and CTR Data Migration projects and provided internal and external walk-throughs.
- ✓ Understand existing functionality as well as the new requirements and specifications; determine complete scope, complexity and size of testing effort, assign work out to subordinate testers, develop and execute test cases.
- ✓ Performed data testing of Global FCP and Lucid search by writing and executing SQL queries while utilizing complex views, joins, and functions.
- ✓ Wrote extensive SQL queries to access the data in Teradata and Oracle database to execute back-end testing.
- ✓ Designed, Developed, Executed and Analyzed test cases & test scripts for use in Integration, System, Regression and Smoke testing using HP Quality Center 11.0 and linked requirements.
- ✓ Defect logs were created in IBM Rational Clear Quest and coordinated with Development team in fixing the defects.
- ✓ Had regular meetings with QA team and Developers to report various problems.
- ✓ Involved in proactively communicating the status of critical issues and escalate to appropriate management, when required.
- ✓ Responsible for weekly status meetings showing progress and future testing efforts to the QA Manager as well as weekly reports on the defect tracking.
- ✓ Ensured compliance with testing best practices and standards and prepared reports on QA status to the project team and upper management.

McKesson is a leading healthcare company for wholesale medical supplies & equipment, pharmaceutical distribution, and healthcare technology solutions. Worked on the Paragon Ambulatory project, which is a Clinical documentation solution for outpatient medical offices and hospital clinics within Paragon Ambulatory EHR.

- ✓ Led a team of 5 testers in the ambulatory physician ordering and medication administration team for McKesson's Paragon HIS application.
- ✓ Researched medication ordering and created test cases based on requirements and research.
- ✓ Part of SAFe agile scrum team and participated in sprint planning and retrospective meetings to identify the scope of testing required for a particular release based on the requirements documents.
- ✓ Measured the required metrics for test completion status, test execution completion and defect status to identify deviations from the test plan.
- ✓ Utilized Netezza for writing SQL queries and for testing the data from the landing database to the Enterprise Data Warehouse.
- ✓ Worked closely with Application Development, Business Analysts and Project stakeholders to ensure that the applications development projects have been tested thoroughly and meet the required deliverables and quality standards.
- ✓ Implemented FitNesse software (DbFit) on a server to define the tests on a business level to act as a bridge between the different stakeholders and to verify the documentation against the product code.
- ✓ Prepared data lineage documents for the customers to provide a direct mapping of the data from the customers' databases to the EDW.
- ✓ Regression tested application in both ambulatory and acute modes.
- ✓ Demonstrated user stories to product owner for acceptance.

Worked on the Liquidity Analytics Reporting System (LARS) project which is an initiative to create an enterprise-wide automated and centralized technical solution for gathering data, analyzing and reporting on liquidity risk management. The project involves integrating data from several sources (SORs) such as Wholesale, Retail, Bloomberg, Prime Brokerage etc. into a centralized data warehouse.

- ✓ Supported the newly developed Liquidity Analytics and Reporting System with Effort Estimation, Project Scheduling and Re-scheduling, Risk Tracking, Decision Analysis, Defect Management and usage of Metrics to track Projects.
- ✓ Reviewed and analyzed Business Requirements Document (BRD), Functional System Design (FSD), Change Requests (CR's) and Maintenance Requests (MR's) for writing test cases.
- ✓ Developed test cases and test scripts from data mapping documents and functional specification documents and mapped the test cases with the requirements for generating the Requirement Traceability Matrix (RTM) in HP ALM.

SOFTWARE ENGINEER / ETL TESTER

PREMIER INC., CHARLOTTE, NC

APR 2013 – OCT 2013

Worked on the Ambulatory PFOCUS (Physician focus) application which helps clients of Premier Inc. to analyze their performance when comparing to other peer physicians with respect to CMS evaluation.

- ✓ Developed test cases and test scripts from data mapping documents and understanding of the product to perform functional and integration testing.
- ✓ Validated logic for handling slowly changing dimension (Type1 and Type 2) tables by flagging the record using update strategy for populating the desired data.
- ✓ Fine-tuned SQL queries written by team members to enhance the performance of the queries for large datasets.
- ✓ Developed shell script for Continuous Integration to run SQL queries on a nightly basis and scheduled the job using Autosys. The script ensures the accuracy of the existing transformation logic is not broken and sends emails on errors and provides graphical representation of the number of tests that passed and failed.

QA ANALYST 5

WELLS FARGO BANK N.A., CHARLOTTE, NC

NOV 2011 – APR 2013

Worked as a Systems QA Analyst 5 in the Technology and Operation Group working on the Financial Crimes Enforcement Network (FinCEN) which has released new Electronic Filing Requirements for FinCEN's Suspicious Activity Reporting (SAR). Tested changes made to both UI and the database, along with re-design of SAR Validator, PDF Generator, E-File Generator, acknowledgment process and data conversion of historical ECMT (Enterprise Case Management Tool) data to the new database structure. FCP was re-designed to produce an application that will support both AML (Anti Money Laundering) and External Fraud SAR Filing.

EDUCATION

MASTER OF SCIENCE

Texas Tech University, Lubbock, TX

BACHELOR OF ENGINEERING

Andhra University, Visakhapatnam, India

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