**Sai Suhas Reddy. Yerrapureddy**

Mobile:+91-9700066577

Email: suhasreddy.sai@gmail.com

**PROFESSIONAL SYNOPSIS**

* 2+Years of Experience in Planning and Implementing web-based software applications to regulated industries with comprehensive knowledge of Software development Life Cycle (SDLC).
* Possess strong communication and organizational skills.
* Demonstrated ability to work both independently and in a team.
* Having 4+ years of experience in Software Quality Testing
* Good knowledge in Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) on Waterfall, W Model and V Model and Agile Environments.
* Expertise in Functional testing
* GAMP 5 knowledge and application.
* Develops Protocols (IQ/OQ), Trace Matrices, Functional Risks and Validation Reports.
* Develops OQ Summary Reports, Deviation Logs and Reviews CAPA
* Write and executes plans, requirements, protocols and reports.
* Manages deliverables for the client to register and log them for auditing.
* Hands on Experience in Team Foundation Server 2010 [Bug Life Cycle] and JMeter.
* Foundation Level ISTQB Certified.

**EXPERIENCE SUMMARY**

**Progression 1:**

* Working as a **Team Lead** at **Caliber technologies Pvt. Ltd.** from February 2014 to till date. Have a strong sense for Manual Testing and test case Preparation, Protocols, CAPA and Summary Reports activities. Currently, I design and develop Operational Qualifications, Data Verification OQ’s, OQ protocols, Summary Reports, Test Planning and Deviation Log tracking that facilitate business success. My current focus of work is on developing legacy operational qualifications to use cases where user can validate the software in numerous cases.

**Progression 2:**

* As a subject matter expertise on CaliberLIMS, can breakdown any complex situation arises in Pharma Laboratory with simple solutions by optimizing its practices into our Automated Software achieving regulatory requirements. Managed implementation of CaliberLIMS software at various client locations right from Project Kick-off till Go – LIVE.

**TECHNICAL SKILLS**

|  |  |  |
| --- | --- | --- |
| Manual Testing | : | Test Case Design, Test Execution & Bug Reporting. |
| Integration Tools | : | Team Foundation Server (TFS) |
| Testing methodologies | : | Waterfall, V, W and Agile Methodologies |
| Operating Systems | : | Windows. |
| Packages | : | MS-Office |
| Automation Tools | : | JMeter |

**SOFTWARE TESTING SUMMARY**

* Wide knowledge in Requirement Analysis, Test Design, Functional Testing, System Testing and Defect Management.
* Extensive Experience in **LIMS** (Laboratory Information Management System).
* Proficient in documentation of test requirements gathered.
* Actively involved in feasibility analysis and testability during requirement analysis phase.
* Specialized in preparing scripts for Functionality Testing, User Acceptance Testing (UAT), including Regression testing of complex applications developed in.Net
* Involved in preparing, executing, Reviewing of Test Cases, and Test Report.
* Review of Test cases, Scenarios and traceability matrix.
* Actively involved in testing after the go-live and handling change requests. (Smoke testing).
* Experience in Agile process to plan, create and manage the backlog items, participate and organize scrum meetings and has a Good understanding of agile software development lifecycle.
* Application of GAMP5 in analyzing the URS tickets elevated by the client.
* Extensively worked on JMeter to create Thread Groups and test Web Application for various loads on key business scenarios.
* Provided support in the performance testing using JMeter task includes developing test plan, test script and reports.

**Projects worked till date:**

**# 1. Laboratory Information Management System**

**Application Environment:** Windows,.Net, SQL Server

**Tools :** Manual testing

**Role :** Sr. SQA Engineer.

**Description**:

The Laboratory Information System or simply called as LIMS is designed for implementation at a QC lab, which supports manufacturing in a regulated process, Traditional manufacturing QA/QC and R&D team developing new drugs. Caliber LIMS automates sample management process with completes traceability of a sample there by helping users ensure that products are manufactured to the specifications of both internal and external customers. Caliber LIMS is divided into Three Parts.

**Sample manager**: It allows the user to run the complete life cycle of a sample in LIMS like Sample Registration, Test Registration, Result Initiation, and Generation of COA for a particular sample.

**Resource Manager**: It contains all the additional Modules that will be used during the life cycle of a Sample. Some of the modules provided in Caliber LIMS are Reference Standards, Reserve Sample, Columns Management, , Working Standards and Solution Management. It allows the user to maintain the inventory of all the solutions and standards used in the Organization.

**System Manager:** It allows the user to administer complete system. Some of functions include applying security settings, register roles and users. In short complete system can be configured and administered using system manager.

**Roles and Responsibilities:**

* Understanding the Requirements and Functional Specifications of the Project.
* Identified Test Scenarios required for testing.
* Participated in designing the Test cases.
* Prepared and Executed Test Cases as per System Requirements.
* Performed various black box testing Methodologies like Functionality Testing, Usability Testing and Regression Testing.
* Defect Reporting and Tracking using **TFS**.
* Participated in the Preparation of the Traceability Matrix.
* Extensively performed Manual Testing process to ensure the quality of the software.
* Prepared **Requirements Traceability Metrics (RTM)**, positive and negative test scenarios, detailed oriented **Test Scripts, Test Kickoff documents, Test Scorecard** for test progress status, Test Results, Release Check list, Lessons Learned documents and Regression Test Suite for future use.
* Analyzed the testing progress by conducting walk through meetings with internal quality assurance groups and with development groups.
* Responsible for documenting the process, issues and lessons learned for future references.
* Provided support in identifying and documenting Best Testing Practice based on the project requirement

**# 2. Inventory Management System**

**Application Environment:** Windows,.Net, SQL Server

**Tools :** Manual testing

**Role :** Jr. SQA Engineer.

**Description:**

CALIBER has collaborated with DR. Reddy's Laboratories Ltd. which is one of the leading Pharmaceuticals in India and designed this project to facilitate the Pharma Industry for storage and Re-trivial of the Required Volume of Material from the Inventory. This provides Management for tracking [inventory](http://en.wikipedia.org/wiki/Inventory) levels at any point of time. Whenever user retrieves some volume of Material from the Inventory, System generates the Audit Trails with all the details about the Volume Withdrawn from Inventory, E-sign and Approval Transactions are set at every stage when a Usage is done from Inventory in order to provide higher Degree of security.

**Roles and Responsibilities:**

* Understanding the Requirements and Functional Specifications of the Project.
* Identified Test Scenarios required for testing.
* Participated in designing the Test cases.
* Executed Test Cases as per System Requirements.
* Performed various black box testing Methodologies like Functionality Testing, Usability Testing and Regression Testing.
* Defect Reporting and Tracking using TFS.
* Prepared FAT&SAT Documents.
* Participated in the Preparation of the Traceability Matrix.
* Extensively performed Manual Testing process to ensure the quality of the software.

**# 3. Caliber Stability**

**Application Environment:** Windows,.Net, SQL Server

**Tools :** Manual testing

**Role :** Sr. SQA Engineer.

**Description:**

Stability studies are a critical part of the drug development process and are essential for drug product marketing approval. Stability studies are conducted at all phases of the drug development cycle for different purposes with the ultimate goal of having a stable product on the market.  During development, stability studies are conducted to support the formulation development and safety and efficacy claims of investigational new drugs.  At registration, they are conducted to ascertain the quality and shelf-life of the drug product in their intended packaging configuration. An expiration date is defined as the time up to which the product will remain stable when stored under recommended storage conditions. Thus, an expiration date is the date beyond which it is predicted that the product may no longer retain fitness for use. If the product is not stored in accordance with the manufacturer’s instructions, then the product may be expected to degrade more rapidly.

**Roles and Responsibilities:**

* Analyzed requirements and documented them as test scenarios.
* Conducted integration testing on build to ensure the bug fixing.
* Created & executed test cases and analyzed the test results.
* Detecting Classifying and reporting bugs through TFS.
* Interaction with developers for assisting them in identification, resolving and tracking of problem events. Participating in weekly review and status meetings.

**# 4. Performance Testing on Work Sheet in LIMS**

**Application Environment:** Windows,.Net, SQL Server

**Tools :** JMeter

**Role :** Sr. SQA Engineer.

**Roles and Responsibilities:**

* Provided support in the performance testing using JMeter task includes developing test plan, test script and reports.
* Develop scenario-based testing for the JMeter scripts
* Extensively worked on JMeter to create Thread Groups and test Web Application for various loads on key business scenarios
* Created and executed JMeter scripts for performance testing of portal
* Involved modifying the automated scripts-based Problem Report return against the application by the end users.
* Created JMeter Test Cases to measure performance and functionality of web services
* Conducting Testing of the application that was developed in \*.NET environment.

**# 5. Subject Matter Expertise**

**Projects Taken:**

RECIPHARM, KEMWELL, DIVIS, BE & ALKEM

**Roles and Responsibilities:**

* Collaborating with Multiple Clients to identify key business requirements, priorities and to determine Product Implementation timelines.
* Function as liaison between customer, management, and internal team; Conducting status checks with all the stakeholders to assess the progress and formulate any necessary changes in the implementation plan.
* Providing business Trainings and demos for the clients on the [CDS Interface & Sample Manager- masters] product.
* Gathering, study, analyze and evaluation of business requirements.
* Develop proposed solutions, business process specifications, process workflows for user requirements
* Provide subject matter expertise and consultation for complete project management.
* Providing refresher trainings post live for Individualized customers considering their requirements.
* Well-versed with different functional flows of QC laboratory of pharma industries such as; Master data creation and management, Sample workflow, Stability Management, Working Standards, Reference standards, Instruments Management, Labels Management, Chemical/Regents, Solution Management, Volumetric solutions and Micro biology modules like Culture, Media, Environment monitoring and Water management.
* Laboratory Instruments (CDS / Non - CDS) interface with the software.

**EDUCATION AND CERTIFICATION DETAILS**

Graduation : BTECH from Electricals and Electronics with 70.4%

12th : Intermediate board of Andhra Pradesh with 79.5%

10th : SSC, Andhra Pradesh with 82.5%

**PERSONAL DETAILS**

Name : Sai Suhas Reddy. Yerrapureddy

Mobile No : +91- 9700066577

Marital Status : Married

D.O.B : 11-Jun-1992