**Siva Roopa Meda**

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**PROFESSIONAL SUMMARY: -**

* **Around 8 years of IT experience in Software Quality Assurance** (Manual and automation) of Web based, Client Server based applications, **BDD** (Behavior Driven Development), **API testing**, Skilled in various testing technologies and current **QA methodologies.**
* Worked on various quality assurance methodologies such as **Waterfall** and **Agile Methodologies** and a solid understanding of the **SDLC (Software Development Life Cycle)** and **STLC (Software Testing Life Cycle).**
* Specialized in **Manual Testing** using different tools like **Selenium WebDriver**, **QTP/UFT, Katalon and Quality Center/ALM**.
* Strong knowledge in implementing **Agile** (Sprint/Scrum) Methodology by analyzing requirement specifications hands on experience with Hybrid and Page Object Model (**POM**) frameworks.
* Involved in Test Environment setup in both **Manual** performed Functionality Testing, **Regression** testing and **Smoke** Testing for process of a given software application.
* Proficient in using **Appium** for automating functional tests for **native, hybrid, and mobile web applications.**
* Automated test cases for both **Android and iOS platforms**, ensuring consistent user experience across devices.
* Proficient in **System testing**, **Smoke testing**, **Regression testing**, **Integration testing**, **Functional testing, UAT testing,** and **API testing**.
* Extensive experience in Test Manual using different Manual tools/techniques which include **Selenium WebDriver**, **Quality Center,** **TestNG**, **Maven**, **Jenkins**, **Firebug, Fire Path.**
* Debugging scripts in a different environment, Extracting Test results, **Cross** **browser** **testing**, and **data** **validation**.
* Expertise in **documenting** **defects** with a high level of detail, accuracy and informative recreation steps using **JIRA**, **Quality Center**, **Bugzilla etc**.
* Solid understanding of **Behavioral Data Driven (BDD)** framework and hands-on experience developing feature files with **features**, **scenarios** and **step definitions** in **Gherkin**.
* Experience in working with **ANT, MAVEN, Log4j** to create projects, JAR files, POM.xml with artifacts and dependencies and understanding of **Java, JavaScript, HTML, CSS, XML, JSON, XPath, SOA** and **Web Services (SOAP AND RESTFUL).**
* Good experience in project documentation and collaborating with the team by using a tool **Confluence.**
* Good experience in developing the **RPA framework** from scratch by using python.
* Experience in executing User Acceptance Testing (UAT), Regression Testing, System Testing,
* Experience in testing front-end using **Selenium WebDriver frameworks** like Keyword Driven**,** Data Driven, and Page Object Model, parameterizing tests and executing test cases as TestNG suite**.**
* Extensively worked with **Black box** and **White box** testing for various Client/Server and Web-based applications and Software Testing Life Cycle **(STLC)**.
* Experience using Source Control tools like **Subversion (SVN), GIT** and **GITHUB** strong knowledge of working in **Mac, Windows** in designing the user interfaces using **HTML5**, **CSS3**, **JavaScript**, **JSP**.
* Expertise in reviewing/analyzing Software Requirements Specification documents **[SRS**], Business Requirement Documents [**BRD**], creating and developing Test Plans, Test cases, and test Scripts and interacting with development Team.
* Good experience in the successful implementation of **Manual Testing Framework** knowledge on Core **JAVA** concepts such as **OOPs**, **Collections**, **Exception Handling** and **String Handling functions**
* Experienced in working with Open-Source Tools such as **Selenium** WebDriver, and Eclipse in building Manual frameworks for **desktop** **applications** using **RPA** tools like **UI** **Path**.
* Developed Manual scripts in **BDD** (**Behavior** **Driven** **Development**) using and Proficient in writing **Feature** **Files**, **Step** **Definition** and Runner Classes using **Gherkin**.
* Experience in Grouping of Test Cases, Test Methods and Test Suites for regression and functional testing using **TestNG** annotations and performed Unit testing using **JUnit**.
* Involved in Web Services testing using **SOAPUI** Tool. Validated request and response XML. Added Assertions to validate the XML in Web services **RESTFUL** service.
* Involved in using **Maven** build tool to manage framework dependencies, plugins, test suites etc. Developed Maven targets to execute Manual suites from command line.
* Generated test logs using **Log4j** for various log levels configured application framework using Excel Spreadsheets and processed the spreadsheets using **Apache** **POI**.
* Designed and executed robust end-to-end test cases using **Playwright** for cross-browser web applications.
* Experience designing automation framework and scripts for End to End (E2E) testing using Selenium WebDriver.
* Expertise in using Project management and bug reporting tools using **JIRA**, **ALM** to raise the bugs worked with **GIT** for Version Control having **GITHUB** as the central repository.
* Writing the test cases and adding the tasks to the user stories according to the sprint in the **Azure Devops**.
* Executing the batch files in pipeline on daily basis in the **Azure Devops** and based on the results, modifying the scripts.
* Skilled in the use of automated testing tools LoadRunner and test execution tools automaton and Omni perf tools
* Strong team player with ability to work productively in a team as well as individually. Excellent communication, problem solving skills, **coordination**, **documentation**, **project** **planning** and interpersonal skills.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | C, Java, Python, Groovy |
| **IDE** | Eclipse |
| **Testing Tools** | Selenium web driver/GRID,SOAP UI, UI Path, JIRA, Quality Center, Protractor and GitHub  |
| **Databases** | Microsoft SQL Server, MySQL, Oracle |
| **Test Framework** | JUnit, TestNG, BDD, Hybrid, POM |
| **Bug tracking tools** | HP ALM/ Quality Center, JIRA, Bugzilla |
| **Version Control Tools** | GIT and SVN |
| **Build Tools** | ANT, Maven, Jenkins, Azure Devops |
| **Microsoft Tools** | MS Word, MS Excel, MS PowerPoint, MS Project, MS Outlook |
| **Operating Systems** | Windows XP, 7, 8, 10, Mac |
| **Web Technologies** | HTML/HTML5, CSS, XML, XPATH, AJAX, AngularJS, jQuery, JavaScript |
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**EDUCATIONAL DETAILS:**

* B. Tech in ECE **Electronics and Communications Engineering**

**Project Details:**

**Client Name: Walmart – United States June 2022- Present**

**Role:** QA Lead.

**Testing**: Selenium Automation

**Project Description:**

 The project was a highly customized Salesforce CRM Health Cloud implementation that improved patient

 care coordination, streamlined workflows, and enhanced the overall patient experience. This project

 allowed to gain expertise in healthcare technology and Salesforce CRM Health Cloud, as well as to develop

 strong consulting and project management skills. The implementation of Salesforce CRM Health Cloud for a

 healthcare provider. The goal of the project was to improve patient care coordination and enhance the

 patient experience.

 **Roles and Responsibilities:**

* Developed Automation Framework by implementing **Page Object Model**, using **Java**, **Selenium WebDriver**.
* Update **Azure DevOps** Tasks on a daily basis to track and report the progress of tasks.
* Used **GIT** repository to store and share code for accessibility.
* Wrote and analyzed user stories and participated in **Sprint planning, Review Sessions & Scrum Meetings.**
* Developed Automation **Hybrid Framework** using selenium.
* Designed and implemented **Appium-based** frameworks integrated **with TestNG, JUnit, or Cucumber** for better scalability and test readability.
* Reduced test execution time by implementing parallel testing using **Appium and Selenium Grid.**
* Lead a team of testers in establishing the **Hybrid framework** and write the automation test scripts.
* Implemented a Java Application that would speed up data initialization for **automated test scripts**.
* Involved in gathering **business requirements**, studying the application architecture and collecting the information from developers and business.
* Executed Load Tests to verify that the **performance** does not degrade with increased user load verify that the application meets exit criteria for the response times verify that the application is stable for the long duration of testing.
* Developed and maintained innovative, repeatable **QA test plans** as well as performance test plans based on functional requirements, use cases, user interface designs, system design documents and domain knowledge.
* Prepared the **Test Plan and Test Cases** based on functional specifications.
* Work with developers to troubleshoot and resolve performance issues.
* Provided support in the **performance testing** using **Load runner** task includes developing test plan, test script and test execution tools used Automation and Omni perf.
* Developed Automation Framework Models in **Behavior Driven Development (BDD) and Test-Driven Development (TDD)** Hybrid Frameworks using **Java, Selenium WebDriver, Junit, TestNG, Maven, and Jenkins tools.**
* Participated in a coding challenge, working along with a business stakeholder for a full day.
* Responsible for teaching and assisting other test engineers on how to write and **debug automation scripts.**
* Technical leadership in the design and implementation of the **test automation strategy**. Lead role on related multiple automation projects, design and code reviews

**Client Name: Rite Aid - Hyderabad Mar 2021 - Dec 2021**

**Company: Infosys Pvt Ltd**

**Role:** QA Lead.

**Testing**: Selenium Automation

**Project Description:**

Rite Aid Corporation is an American [drugstore](https://en.wikipedia.org/wiki/Pharmacy_%28shop%29) Ecom application which comes under the health care domain. There are different types of users who can access the application like wellness user, guest user, pharmacy user, registered user. Based on the user type, the user can have the benefits and the opportunities to buy the products. The RiteCare on web will be a web application separated from NexGen which will enable the pharmacy users to access RiteCare module from a mobile (iPad or Tablets with similar screen size) or desktop through browsers. User will be able to search, view and act on the opportunities from devices which are connected to the store network. The NexGen screens used in RiteCare flow will be ported to the new web application. Following is the high-level features, opportunity search, Add Service, Add Task, Add Notes, print forms and consent forms

**Roles and Responsibilities:**

* Analyzed Business Requirements and Functional Specifications to develop test cases and worked on building **test plan** and **test strategy** documents.
* Involved in creating **Test Scenarios** and **Test data** by looking at the **Requirements** and communicated the updates to **offshore** in daily **scrum** calls.
* Performed testing as well as **manual** testing for **functional** applications and worked on **integration testing**, **back-end** testing as well.
* Designed and developed **Keyword Driven** and **Data-Driven Manual framework** for **Functional**, and **regression** testing using **Selenium** Web driver.
* Worked on browser stack to perform cross browser testing and tested the application using different virtual mobile devices like iPhone, android.
* Worked on creating test cases and test scenarios based on given requirements and worked on communicating the updates to offshore team.
* Perform Functional, System, System Integration, GUI, Ad hoc and UAT testing.
* Worked on testing as well as **manual** testing and performed different types of testing like **functional** testing, **smoke** testing, **regression** testing etc.
* Performed white box and black box testing and identified and isolated issues.
* Worked with Angular JS to validate from the front end and run Angular scripts and also compare the data with the backend. Performing end to end testing for Angular JS using Protractor.
* Developed and Executed **Manual and Automation** test cases for Functional, Regression, Sanity testing of all the three modules (care, retail, and web) of the application using **Core Java**.
* Used **JIRA** for logging defects and responsible for communicating the status to the respective team preparing/Tracking Test data for various other testing teams and Test Status reports.
* Regular hand-off to the offshore team regarding the progress of script development and the functional challenges faced during the onshore hours if any.
* Performed end to end web services testing using **Browser stack tool**.
* Responsible for writing and executing Selenium **WebDriver** test scripts on different browsers to check compatibility monitor test execution progress through timely scheduled **Jenkins jobs**.
* Involved in **Manual Scripts development**, debugging, batch scripts execution using **TestNG**, analyze results and reporting defects.
* Developed Manual framework implementing **Page Object Model,** using **JAVA, Selenium WebDriver and** performed **data** **driven** **testing** by passing multiple sets of data by using **Apache** **POI** API for reading data from excel.
* Used **Git** for source code management, **Maven** as the project management tool for Manual scripts, **TestNG** as the testing framework for flexible test configurations during Manual testing
* Used **page** **object** **model** (**POM**) repository design pattern for storing all the web elements for code maintainability and **reusability** for selenium Manual.
* Created test reports generated out of **TestNG** and captured the error screenshots and worked on generating the excel reports.
* Regression of both minor and major, Database testing, System testing and End to End testing Usability and User Experience testing, Compatibility testing.
* Worked on building Manual for desktop applications using **RPA** tools like **UI** **path** and automated different functional flows using sequences and flow charts.
* Worked on building **sequences** and **processes** to build different desktop flows based on the given requirements.
* Used different activities like **click**, **double** **click**, **Type** **into**, **invoke** **work**flow and **data** **tables** to read and write the data that was used or captured during the test flow.
* Served as a **coordinator** between **onsite** and **offshore** for all the **testing** activities in the project like assigning the tasks to offshore, reviewing the work once it is done and then reporting to the onsite manager.
* Worked on testing status, **reporting** to the higher management and retesting the fixes automated scripts for **functional**, **regression**, **integration** testing using **Selenium**.
* Responsible for the deployments in SQAT, UAT and the sign Off from CAR environment to SQAT environment.
* Identifying the work around if there is any blocker from the team.

**Client Name: National Rural Utilities Cooperative Finance Corporation** (**NRUCFC)**

**Sep 2019 - Mar 2021**

**Company : Sunera Technologies- Hyderabad**

**Role:** Automation Test Engineer

**Testing**: Enterprise workload Automation

**Project Description:**

The **National Rural Utilities Cooperative Finance Corporation** (CFC) is a member-owned nonprofit cooperative that provides financial products to America's [rural electric cooperative network](https://en.wikipedia.org/wiki/Utility_cooperative). CFC is in the process of EWA (Enterprise Workload Automation) by using a tool Control-M. Control-M simplifies application workflow orchestration. It makes it easy to define, schedule, manage and monitor workflows, ensuring visibility and reliability, and improving SLAs. The **Rural Telephone Finance Cooperative** (RTFC) is a member-owned nonprofit cooperative created solely to serve the financial needs of the rural telecommunications industry. RTFC provides flexible loan and financial service products designed to match the business needs of our members. Whether it is construction projects or working capital, RTFC is dedicated to offering competitive rates and superior service to our members.

**NRUCFC Consultant**

**Roles and Responsibilities:**

* Configure and execute the test infrastructure code as **control M** jobs including shells scripts, dB packages and windows Power Shell as per deployment requirement.
* Validating deployed job and execution configurations in various QA and Preprod environments.
* Debug and fix control-M agent, server, **EWA** and client connectivity issues.
* Created and updated **control-M** job flows while working with various teams, project managers, and developers and derived solution for complex job flows.
* Designed job schedule request as per **cron’s,** versioning process and request forms.
* Strong follower of agile principles.
* Designed and developed the web-based application with different **Java/J2EE** frameworks working under Agile for development process with iterative development and that includes daily Scrum with team.
* Developed the GUI using HTML5, CSS3 and Java Script components involved actively in understanding client requirements and analyzed the impacts on existing system.
* Used GitHub as a source repository system to share code within the office as well as with the team in overseas and Performed Debugging used **RDBMS** concepts in writing Queries.
* Prepared the data to cover various scenarios and wrote basic SQL queries using SQL Server for Data Validation, Record Counting, and Non-Duplication Testing.
* Experienced in using Maven build tools to manage framework dependency jar files logged errors using Log4j test coverage including the number of test cases passing, failing or pending.
* Performed **GUI, System, Integration, Smoke, Functional and Regression Testing** and monitored the behavior of the applications during different phases of testing using testing methodologies.
* Expertise in documenting defects, resolve them and track their status using **JIRA** focused on creating detailed JUnit tests for every single piece of functionality before writing the functionality.

**Client Name: AT&T Inc. Aug 2017 - Sep 2019**

**Company: SAVENA SOLUTIONS PRIVATE LIMITED - Hyderabad**

**Role:** Automation Test Engineer

**Testing**: Automation through Katalon Tool

**Project Description:**

AT&T (American Telephone and Telegraph)is the world's largest telecommunications company, the largest provider of [mobile telephone](https://en.wikipedia.org/wiki/Mobile_telephone) services, and the largest provider of [fixed telephone](https://en.wikipedia.org/wiki/Telephone) services in the United States through [AT&T Communications](https://en.wikipedia.org/wiki/AT%26T_Communications). AT&T Inc is in the process of implementing the Oracle HCM Fusion for their existing footprint of Core HR, Compensation, Time & Labor, Absence Management, Talent Management.

**Oracle Consultant**

**Roles and Responsibilities:**

* Analyzing & validating the completeness of business requirements.
* Generating the Test scenarios and Test cases.
* Generating **Regression** Test scripts by extracting the requirements that need to be tested from available documentation and/or liaising with the relevant people.
* Developed **Automation Test Scripts**.
* **Retesting** defect fixes on each release build.
* Performed Smoke, Functional, System Integration, Retesting, Regression testing.
* Experience in Designing and implementation **of framework** with **Katalon Tool.**
* Performed parameterization to implement **Hybrid framework**.
* Conduct Internal Test Case **Peer Reviews.**
* Participated in weekly status meetings with the team, developers to discuss open issues and communicating with onsite team.

**Client Name: Sarepta March 2015- August 2017**

**Company: SAVENA SOLUTIONS PRIVATE LIMITED - Hyderabad**

**Role:** Automation Test Engineer

**Testing**: Selenium Automation

**Project Description:**

Sarepta Therapeutics, Inc. is a medical research and drug development company with corporate offices and research facilities in Cambridge, Massachusetts, United States. Sarepta Therapeutics is in the process of re-implementing its ERP system from Oracle Fusion Cloud for their existing footprint of Financials, O2C, P2P, SCM, CA and GL.

**Roles and Responsibilities:**

* Understanding the Business Requirement Specification.
* Designing test scenarios and test cases.
* Converting test cases to java test scripts.
* Used page object model and data driven framework.
* Executed test scripts using hybrid framework.
* Actively involved in writing & maintenance of test scripts and their execution using TestNG.
* Coordinating with test lead and development team for bug fixing.
* Involved in executing test cases and bug tracking through JIRA.
* Performed Functional testing of Order to Cash, Procure to Pay.
* Create test plan & Test Strategy for functional testing on ERP application – Oracle Fusion.
* Expanding testing scope from functional testing to backend testing & automation testing.
* Involved in development of automation scripts using cloud testr for oracle Fusion HCM.
* Parameterized the data using data bank feature in cloud testr.
* Involved in development of a driver script to run all the scripts in a batch mode.
* Debugging the scripts to troubleshoot the issues.
* Execution of the Scripts.
* Created library of functions, methods and Reusable Actions.
* To make sure to follow the Software Development Life Cycle (SDLC) right from the client communication until the QA test sign off status is informed to all the project stakeholders.
* Analyze business and functional requirements before starting with testing requirements.
* Perform QA Testing.
* Interact with Dev and client to complete the testing activities
* Raise defects against developers via HP-ALM tool.
* Re-Test the defect portion once dev fixes the defect.
* Prepare technical and functional document of understanding based on the sessions conducted by senior team member.