**Santosh Roopa Rumalla**

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**SUMMARY:**

With over 8 years of experience as a highly skilled and results-driven Quality Automation Specialist, I bring a solid understanding of manual quality assurance and validation, as well as expertise in implementing automation using Selenium. My unwavering commitment to product quality excellence enables me to make valuable contributions to your company's success.

Throughout my career, I have excelled in collaborating with business stakeholders to fully comprehend their requirements. This allows me to effectively work with developers to create and execute automated test scripts. By sharing detailed reports, I facilitate clear communication and foster collaboration between development teams and business units. Additionally, I actively follow up on open defects, driving continuous quality improvements, and ensuring regulatory compliance.

My broad knowledge and expertise in QA automation, combined with my dedication to delivering high-quality products, make me a valuable asset to any organization. I am confident that my skills and experience will contribute to the advancement of your company's objectives.

**PROFESSIONAL SUMMARY:**

* **8+** years of professional experience in testing with extensive knowledge of Automation Framework Design & Implementation using the Selenium Tool.
* Experience in Manual & Automated Testing of GUI and functional aspects of Client-server and Web-based Applications on multiple levels of SDLC and Software Testing Life Cycle (STLC).
* Good knowledge of Object-Oriented Programming Concepts (OOPS) and Java skills.
* Good experience in creating test scripts using Selenium WebDriver and Selenium-IDE in Java.
* Strong experience in Agile Scrum Methodology and good experience in all phases of the Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle.
* Attending Scrum, Story Refining, and Retrospective meetings as part of the Agile process.
* Having good experience using build management tools like MAVEN.
* Extensive experience in Smoke Testing, Sanity Testing, Regression Testing, Unit Testing (with Dev Team), etc.
* Extensive experience in using Open-Source IDE Tools like Selenium IDE and Eclipse.
* Experience in parallel test execution using Selenium WebDriver and TestNG.
* Experience in configuring and scheduling the CI/CD tool Microsoft Azure DevOps (ADO).
* Proficient in creating business-based functional Test Scenarios, Test plans, Test cases, Test Scripts, Test Specifications, and Traceability Matrix including both Manual and Automation testing as per CMMI Standard.
* API testing using Postman.
* Good experience in configuring and utilizing testing tools like JIRA, Microsoft Azure DevOps (ADO).
* Experience in parallel test execution using Selenium WebDriver and TestNG.
* Good experience in Data-Driven and Hybrid Testing.
* Good understanding in SQL and applitool.
* Experience in Functional, Regression, and System testing using Manual and Automated testing tools.
* Experience in automating test cases using TestNG, JUnit, and Cucumber.
* Experience in data-driven test using Jenkins and Excel.
* Good Experience in using Firebug and writing XPath to locate web elements.
* Good analytical and communication skills in leading the Offshore Team as well as the ability to work independently and perform as part of a team.
* Providing technical support, working as a Team Mentor, and involved in sending daily status emails to the client, assigning daily tasks.
* Possess excellent communication and organizational skills with the ability to adapt to new environments.
* Attending sync-up calls with the onsite team and sending MOM (Minutes of Meeting).
* Good understanding of **SailPoint Applications**.
* Worked on Cross-browser testing, browsers like Mozilla Firefox, Google Chrome, and IE using WebDriver.
* Well versed with Agile processes using Azure DevOps and Azure test plans.
* Good experience in TFS pipeline for running the automation scripts.

**TECHNICAL SKILLS:**

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| Programming Languages | SQL, Java, JavaScript, XML, JSON. |
| Tools/API | Selenium IDE, Selenium Web Driver, HP ALM11.0, Maven, Apache  POI, Cucumber, Postman, JIRA, Jenkins, Gradle, TestNG, REST Assured, Visual Studio, UFT, SFTP, AWS S3, AWS hub, Applitools. |
| Defect Tracking Tools | HP ALM 11.0, Jira, ADO (Azure Dev ops). |
| Frameworks | Page Object Model, Data Driven, Keyword Framework, and Hybrid Framework. |
| Database | Oracle, SQL Server, Mongo DB. |
| Operating Systems | Windows, MAC, UNIX/Linux. |

**Projects Experience:**

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| Project | **Identity Governance and Administration** |
| Customer | **World Bank Group, Washington D.C, USA** |
| Period | Aug 2019 to March 2023 |
| Description | Information and Technology Solutions (ITS) enables the WBG to achieve its mission by delivering transformative information and technologies to its staff working in over 130 client countries. The World Bank is organized into six client-facing Regional Vice-Presidencies, several corporate functions and thirteen Global Practices to bring best-in-class knowledge and solutions to regional and country clients.  The Enterprise Authentication Services Team is anchored in the Enterprise Services (ITSEN) division in ITS. The primary programs that the ITSEN unit is responsible for is providing a wide range of technical infrastructure services to meet the institution's computing needs, from mid-range servers, large scale servers, and the respective system, network, and supporting software on those platforms. It provides engineering, integration, and system administration services for Server Administration, Server Security, Backup/Restore, Storage, Virtual infrastructure (on premise and in cloud) and Data Center Management. |
| Role | Quality Assurance Specialist |
| Contribution | * Understand the client and project requirements (both functional and non-functional) and Test case development as per the requirements. * Test design developed the end-to-end test scenarios to test all critical functionality. * Working on developing Automation scripts using Selenium WebDriver with Java * Worked on Hybrid Framework for UI Automation using Selenium WebDriver * Involved in Automation Feasibility Steady and test cases reviews * Performed the API testing, iOS and Android mobile app testing. * Updating the test plan and Bug report according to the PO requirements User Stories * Experience in Agile methodology with SCRUM Process for the development of the product. * Performing Unit Testing, Smoke, Sanity and Regression Testing as part of test process * Test Plan updating. Preparing test reports and defect reports as per CMMI Standards * Performing API testing using POSTMAN * Understand the different business cases for the SailPoint applications and create the test scripts. * Created the test plan, test cases based upon functional specifications and technical specifications of the application using TFS test plan. * Followed the Agile methodology process and logged the respective defects in Azure devboards and Jira. * Created the automation test scripts using Selenium and java for the below workflows.   + Entitlement Owner Certification   + Advanced certification   + Onboarding Application validation workflow   + Treasury & IFC Applications role provision and deprovisioning   + OnDemand requests like Account extension, Admin account creation, Computer logon, Windows Service Account and C account request   + Role Validation * Involved in detailed regression, Integration testing. * Performed manual testing for SailPoint application functionalities. * Worked on the TFS pipeline (CI/CD) for running the automation scripts. |

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| Project | **World Bank group Intranet** |
| Customer | **World Bank Group, Washington D.C, USA** |
| Period | May 2019 to July 2019 |
| Description | The WBG consists of five specialized institutions: The International Bank for Reconstruction and Development (IBRD), the International Development Association (IDA), the International Finance Corporation (IFC), the Multilateral Investment Guarantee Agency (MIGA), and the International Centre for the Settlement of Investment Disputes (ICSID). The World Bank is organized into six client-facing Regional Vice-Presidencies, several corporate functions and thirteen Global Practices to bring best-in-class knowledge and solutions to regional and country clients.  Information and Technology Solutions (ITS) enables the WBG to achieve its mission of ending extreme poverty by 2030 and boosting shared prosperity in a sustainable manner by delivering transformative information and technologies to its staff working in over 130 client countries. ITS services range from: establishing the infrastructure to reach and connect staff and development stakeholders; providing the devices and agile technology and information applications to facilitate the science of delivery through decentralized services; creating and maintaining tools to integrate information across the World Bank Group, the clients we serve and the countries where we operate; and delivering the computing power staff need to analyze development challenges and identify solutions. The ITS business model combines dedicated business solutions centers that provide services tailored to specific World Bank Group business needs and shared services that provide infrastructure, applications and platforms for the entire Group. |
| Role | Quality Assurance Specialist |
| Contribution | * Performed testing and documentation of the Intranet applications with specific focus on the Production sites for WBG Home, WB Home and the top hat pages. * Created the test plan, test cases based upon functional specifications and technical specifications of the application. * Performed the API testing, iOS and Android mobile app testing. * Performed testing in desktop-based browsers and mobile devices (iPhone and iPad). * Followed the Agile process and logged the defects in version one. * Identified the cases that can be automated and created the test scripts using Selenium. * Involved in detailed Functional, Regression, Integration testing, Negative Testing and Smoke testing. * Working on developing Automation scripts using Selenium WebDriver with Java |

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| Project | **Ameriprise Insurance services** |
| Customer | **Ameriprise Financial, Bangalore** |
| Period | May 2016 to Aug-2017 |
| Description | Ameriprise Financial involves rigorous testing of banking and financial products like insurance, brokerage, and annuity. The project involves manual and automated testing of web application for various banking products on different web browsers, desktop and mobile devices. |
| Role | Quality Assurance Specialist |
| Contribution | * Responsible for developing & Implementing Test Plan, Test Cases and Test Scripts based upon Functional Specifications and Technical Specifications of the application. * Analyzed the Business and Functional Specification documents. * Project run with the testing of Agile Scrum methodology. * Worked with Quality Center to create test plans that includes test cases, expected results and prioritized tests by going through the existing site. * Analyzed test results and worked on the Defect Cycle process using Quality Center. * Developed and maintained automated test scripts using Selenium regression testing. * Tested new test cases and automated them for further loads to reduce testing effort and time using Selenium. * Enhanced Test Scripts for every load to support new and existing functionality for the application for end to end testing. * Involved in detailed Functional, Regression, Integration testing, Negative Testing and Smoke testing. * Responsible for Update of existing Test cases against the Change requirement document. * Involved in Creating the Test cases and Test plans. * Involved in reporting and data analysis using MS Office tools like MS Word and MS Excel. * Setup meeting markers & opened conference bridges for testing status calls for users, team and management purpose * Working on developing Automation scripts using Selenium WebDriver with Java |

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| Project | **Priority One Management** |
| Customer | **JPMorgan Chase, Bangalore** |
| Period | Apr-2013 to Apr-2016 |
| Description | P1M (Priority one Management) is the key project for **JPMorgan Chase** which is useful fortracking and Analysing P1 incidents. P1M is part of **Enterprise Incident Management system**. Incident Management is the process of responding to a service inquiry or reacting to a service interruption and restoring service. It involves Gathering the necessary information to make decisions about an appropriate resolution, providing status updates to the client, tracking work activities performed on incidents through resolution. |
| Role | Quality Assurance Analyst |
| Contribution | * Review and analyze functional requirements when available. * Work with producing and programming teams to establish test plans and test cases. * Test interactive software both manually and through automation when applicable. * Clearly document and communicate software failures to project teams * Help ensure frequent and thorough testing of software. * Use various test managements tools to effectively track defects to completion through the bug life cycle. * Working on developing Automation scripts using Selenium WebDriver with Java. |

**Qualifications**

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| Degree | Institute | Major and Specialization |
| Bachelor of Information Technology | JNTU, HYDERABAD, INDIA | Computer Science Engineering |