**Sudarvizhi**

**QA AUTOMATION ENGINEER**

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**PROFESSIONAL SUMMARY:**

Experienced software quality assurance professional with **10+ years** of experience in all the phases of Software Testing Life Cycle (STLC). Skilled in various testing technologies using automation tools like Selenium, Cucumber, SoapUI & current QA methodologies. Diversified experience in Automation and Manual testing.

* Experience in working with Software Development life cycle (SDLC) and Software Testing Life Cycle (STLC) models - Waterfall, Agile/Scrum.
* Executing test cases, reporting bugs, writing test scripts, test automation using diverse testing tools like Selenium WebDriver, Cucumber, Core Java
* Experience in working with opensource tools such as Selenium (Selenium IDE, Selenium Web Driver and Selenium Grid), Cucumber, JIRA, and Eclipse.
* Worked on Java Scripting Frontend Testing and HTML Frames.
* Experience in White Box and Black Box testing for functionality and structural flow of an application.
* Worked as Software Development Engineer in Test (SDET) is responsible for developing and executing comprehensive suites of automation test plans and test cases.
* Experienced QA Analyst specializing in ETL testing with a strong background in data warehousing, data migration, and database testing.
* Dedicated and detail-oriented Quality Assurance Analyst with extensive experience in functional testing. Expert in designing, developing, and executing test cases to verify software functionalities against requirements.
* Detail-oriented and experienced QA Analyst with a strong background in Salesforce. Proficient in developing and executing test plans, managing testing processes, and ensuring the quality and functionality of Salesforce applications.
* Dedicated and detail-oriented QA professional with a strong background in Mobile Testing seeking a challenging position to contribute my skills in ensuring the delivery of high-quality mobile applications.
* Highly skilled and detail-oriented Quality Assurance professional experience in mobile testing, seeking a challenging position to apply my expertise in ensuring the highest quality of mobile applications.
* Experience in using Selenium Web driver, Eclipse TestNG test frameworks in creating test scripts, test suites and HTML reports.
* Identified correct GUI elements using various Selenium Locators like ID, Name, Link Text, Partial Link Text, XPath, CSS, and DOM in creating automation scripts.
* Configured application framework using Excel spreadsheets and processed the spreadsheets using Apache POI.
* Seasoned QA professional specializing in automated mobile testing with Appium and Shift-Left Testing methodologies, seeking a position to leverage my expertise in enhancing software quality and efficiency.
* Reviewed Application and Test logs, program outputs and reports to identify program processing errors and defects.
* Involved in design and implementation of Selenium WebDriver Automation Framework for Smoke test and Regression test using TestNG.
* Experienced in Back-End testing to ensure data consistency on front-end by writing and executing SQL queries for data validation using advanced TestNG annotation Data Provider for code reusability and Java JDBC for retrieving the Data.
* Developed selenium synchronization using conditional and unconditional wait conditions.
* Experienced in using Test Management tools such as HP/ALM, JIRA, and Bugzilla bug reporting tools to track test progress, execution, and deliverables.
* Developed Test Scripts to implement Test Cases, Test Scenarios, and features for BDD (Behavior Driven Development), TDD (Test Driven Development) using Cucumber.

**TECHNICAL SKILLS:**

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| **Development Methodologies** | Waterfall, Agile/Scrum, SDLC, STLC |
| **Testing Tools** | Selenium WebDriver, Selenium IDE, Restful, SoapUI, Spec Flow, Protractor, Postman, Swagger, Automation anywhere (RPA), JAVA |
| **Test Build & Integration Tools** | Maven, Jenkins, GIT, TFS |
| **Frameworks** | Cucumber, TestNG, Page Object Model (POM), BDD, TDD |
| **Programming & Scripting Languages** | Java, Java Script, XML, HTML, CSS |
| **Databases** | MySQL, Oracle, SQL Server |
| **IDE** | Eclipse, IntelliJ, Visual Studio code |
| **Defect Tracking Tools** | JIRA, TFS, HP |
| **MS Office Tools** | Outlook, MS Office, Microsoft Project |
| **Web Debugging Tools** | Xpath, Firebug, Fire path |
| **Operating Systems** | Windows |

**Professional Experience:**

**CapitalOne, Plano – TX Mar 2020 – Till date**

**Sr. QA Automation Engineer / SDET**

**Responsibilities:**

* Analyzed User stories, Business requirements, and Functional documents and participated in Sprint planning and Scrum meetings.
* Provide Recommendations to improve development process
* Write Clear and concise defect reports
* Use Core java to develop automated scripts and frame works.
* Automated repetitive test cases using tools like Appium, Selenium, etc., improving test efficiency.
* Developed and executed test plans, test cases, and test scripts for mobile applications.
* Utilized Salesforce Sandbox for testing and validation of configurations and customizations.
* Assisted in the creation of test plans and test cases based on software requirements.
* Responsible for working within a team to create, document and execute testing strategy, test plans, test cases and test scripts.
* Actively participated in daily SCRUM meetings to discuss the bottlenecks and the tasks status. Effective

gathering of automation requirements, defining the scope of automation testing.

* Developed the automated test script for regression tests and Smoke Tests.
* Generated test logs using Log4j for various log levels.
* Conduct functional, regression, integration, and user acceptance testing for various Facets modules.
* Assisted in developing test strategies and plans for ETL testing.
* Came up with the preparation of Test Plan Document and Contributed for Test Strategy.
* Participated in performance testing to evaluate the scalability and stability of ETL processes.Conducted end-to-end ETL testing, ensuring data accuracy and consistency across data pipelines.
* Performed Functional testing as per user stories and performed Integration Testing &System testing using BDD Cucumber automation scripts.
* Led the implementation of Appium for automated mobile testing, significantly reducing testing time and increasing coverage.
* Participating technically analysis to identify testing, including test plan development, execution and delivery of well-tested solutions with short time to release
* Having Knowledge in creating testcases and execution of test cases in q test
* Knowledge of Jira -defect tracking tool
* Independently analyzes issues, recommends software changes and write detailed bug reports. Create and maintains ownership of testcases and test results throughout SDLC
* Developed and maintained automated test scripts using Appium for various mobile applications.
* Collaborated with ETL developers to understand data transformations and mappings.Developed and executed detailed test cases, scenarios, and scripts for ETL processes.
* Strong experience with software development approaches like Agile.
* Implemented automation using Cucumber framework.
* Deployed developed RPA application in to RPA BOT central and schedule the jobs.
* Created and executed smoke, functional, regression and integration tests.
* Used Soap webservice in RPA (Robotic process automation) by using AA..
* Involved in test approach & test case walkthrough, review with peers and test leads. The workgroup consists of business system analysts, developers, and architects.
* Reviewed and analyzed the existing test scripts.
* Developed Back-end testing using complex queries to retrieve the user information to cross validate in UI and databases.
* Experience in Web Services, SOAP and REST**API Testing** using **Postman**.
* Created JSON request and validated the response using postman Interceptor and swagger UI
* Maintained the Core Java and selenium test source code and resources in the Git source control repository tool.
* Prepared the data to cover various scenarios and wrote SQL scripts to verify the database updates, inserts and deletion of the records.
* Extensive usage of GET and POST methods in testing REST and SOAP Services using Postman.
* Knowledge in writing SQL queries and end to end workflow
* Followed Agile testing methodology, participated in daily status meetings and testing each deliverable.
* Expert in Robotic process automation solutions such as Automation Anywhere 9.0.

**Environment:** Java, RPA, Cucumber, Selenium, Swagger, Jira, Agile, Internet Explorer, Chrome, Firefox, SQL, Jenkins, Eclipse, Cucumber, SQL Server, GitHub, Apache POI, Log4j.

**AT&T, Plano – TX Jun 2017 – Feb 2020**

**QA Automation Engineer/SDET**

**Responsibilities:**

* Analyzed the Business Requirements and closely worked with the Business Team to get the clarifications addressed.
* Reviewed product requirement documents, functional specifications, and involved in developing test strategy, test plan and test case documents.
* Responsible for providing Test cases and executing them within an AGILE software development environment.
* Formulated test scripts to automate process of testing in Selenium WebDriver.
* Strictly followed agile methodology for project execution and implemented Storyboards as one of the requirements elicitation techniques.
* Actively participated in daily SCRUM meetings to discuss the bottlenecks and the tasks status. Effective gathering of automation requirements, defining the scope of automation testing.
* Developed the automated test script for regression tests and Smoke Tests.
* Came up with the preparation of Test Plan Document and Contributed for Test Strategy.
* Effectively dealt with Accessing Links & Tables using Selenium WebDriver and automated all End-to-End Test cases using Selenium WebDriver.
* Developed scripts to navigate to various iframes and to handle multiple windows and performed operations on the web elements.
* Used Selenium WebDriver API with TestNG to automate tests in parallel and priorities of the Test cases are set
* Using TestNG framework.
* Effective usage of Apache POI to read data from external sources.
* Formulated Selenium script for capturing screenshot and used Actions class to perform mouse and keyboard events.
* Actively involved in automating the popups using the Alert interface.
* Configured Jenkins build job for continuous Integration and for Regression Testing.
* Preformed JavaScript testing on client-side validation.
* Involved in using Maven build tool to manage framework dependency jar files.
* Expertise in using GitHub to maintain and manage the build scripts, test data and other documents in the project scope.
* Implemented Selenium Synchronization for Conditional and Un-Conditional waits using Implicit Waits and Explicit Waits.
* Developed and Executed Test Scripts using Selenium WebDriver, Cucumber and analyzed Test Results.
* Performed Functional testing as per user stories and performed Integration Testing &System testing using BDD Cucumber automation scripts.
* Implemented JIRA to track and resolve defects.
* Performed defect logging and tracking using Jira and Rally.
* Used Cucumber by creating the Features and Step Definition files to execute test scripts.
* Testing the SOAP web services using SOAPUI tool which takes the WSDL file as input.

**Environment:** Java, JavaScript, Selenium WebDriver, TestNG, Selenium, Maven, Jenkins, Eclipse, Cucumber, SQL Server, GitHub, Rally, Auto IT, Apache POI, Restful API, Log4j.

**Evora IT Solutions, Bangalore – India May 2014 – Mar 2015**

**QA Automation Engineer**

**Responsibilities:**

* Participated in all stages of testing life cycle, various testing methodologies and SDLC using Agile and Scrum.
* Created and executed automated test scripts using Selenium WebDriver and TestNG, Used Maven for building the WebDriver project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Developed Framework from Scratch using Selenium and Java
* Designed Automation Test cases using Selenium WebDriver, Java, and Maven.
* Used Firebug, Fire Path to debug, edit and locate the objects based on ID, Name, XPath, CSS Selector, Link, Partial Link, Attributes, and Tags.
* Implemented waits to overcome the issue of Synchronization using implicit and Explicit waits
* Page Object Model using Selenium WebDriver, TestNG and Maven and Java.
* Maintained the Core Java and selenium test source code and resources in the SVN source control repository tool.
* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly batch run of the Script.
* Prepared the functional test cases using test design techniques data validation concepts Equivalence partitioning, boundary value analysis.
* Prepared test data document and Involved in generation of bug and test case execution reports.
* Strong experience with SOA architecture which include Soap and Restful Web Services Testing.
* Performed web services testing with POSTMAN by validating request and response for XML, Json files.
* Involved in testing of services using SOAP/REST services using SOAP UI.
* Performed data driven testing by using JDBC.
* Good Experience in Agile methodology with SCRUM Process for the product development.
* Use java to develop automated scripts and frame works.
* Logged and managed defects using JIRA defect management tool
* Developed test code in Java language using Eclipse, IDE and TestNG framework.
* Involved in Maven configuration for running servers and scripts after the build.
* Used Jenkins as continuous integration server to run automated test suites.
* Used web-debugging tools like XPath, Firebug and Fire path to locate elements.

**Environment:** Selenium WebDriver, Jenkins, Cucumber, SOAP UI, Maven, TestNG, Quality Center, Fire path, Firebug, Eclipse, XPATH, Java, Android, SQL Server, POSTMAN, TFS

**Synopsis India Pvt Ltd, Bangalore – India Jul 2011 – Apr 2014**

**QA Tester**

**Responsibilities:**

* Performed manual testing for entire E- Commerce website
* Analyzed requirements, functional specifications and required documents for Manual Testing.
* Defined Test cases based on functional specifications.
* Actively participated in all stages of SDLC and STLC.
* Developed test scripts using Quick Test Pro (QTP) to perform functional and regression and data driven testing.
* Designed and executed detailed functional test cases for new software features and enhancements.
* Involved in Integration testing after integrating the different units.
* Test Activities included Functional Testing, GUI Testing, Regression Testing, and Integration Testing.
* Tested every new build manually and reported if the important functionality of the build failed.
* Created and updated test cases in Excel sheets and generate Traceability Matrix.
* Created QTP scripts with the Framework followed by the Company.
* Tracked the defects and reported the defects using HP Quality Center.
* Reported the broken links after manual testing. Performed regression testing after fixing the bugs manually.
* Preparation and Review of End-to- End Test Scenarios/Test Cases, Coverage matrix and Test Data.
* Performed back-end testing to validate data integrity in the database by writing SQL queries.
* Attended Weekly Status meetings, discussed and interacted with team members.

**Environment:** E- Commerce, Quality Center, Quick Test Professional (QTP), Manual Testing, JIRA, SQL and Window, HP Quality Centre, MS Excel, HP Quality Centre.