**Srinivas**

**SDET/ QA Automation**

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**Professional Summary: -**

* **Over 7 Plus years** of Professional Experience as a Software **Quality Assurance Test Engineer** working on **Manual**&**Automation** Testing of Web, Mobile, Desktop Applications and client/server Applications in diverse domains providing extensive support in test planning, test development and test execution of projects both manually and using **Automation tools** – Selenium, Appium, QTP, Load Runner. **Oops** – Java,C#,Python, Protractor. **Defect tracking tools** – Quality centre, JIRA, TFS.
* Experienced with **SOA, Web Services, SOAP, Ready API, Soap UI, RESTFUL, WSDL** technologies.
* Exhaustive Experience in Designing & implementation of Automation Frameworks including **BDD,TDD, data driven, keyword driven**, and **hybrid** using **Selenium WebDriver.**
* Used **Eclipse IDE** to develop & debug the code.
* Experience in understanding the code written in different Scripting languages **VB Script, Java Script** and databases like **Oracle, SQL Server.**
* Extensive experience in using Automated tools like **Ruby Cucumber test framework** for Client/Server, Web and database applications
* SOA Testing, Validation and Virtualization, Extended Web Services Tests in a Low -impact way using **CA LISA.**
* Experience in design and development of **BDD framework**from the scratch by writing **Gherkin Features-Scenarios**using **Spec Flow** and **Cucumber.**
* Developed automated test scripts using **QTP and test complete smart bear’s.**
* JavaScript based test framework **using cucumber JS, web driver IO, node.js, angular.js**.
* Involved in setting of QA Test environment with simulated **POS** test environment.
* Experience in executing UI testing according to procedures and policies.
* Experience in developing test scripts using **groovy** for data driven testingof **SOAP** and **REST** Web service using **SOAP UI**.
* Experienced in **SQA (Software Quality Assurance)** including Manual and Automated testing with tools such as Selenium RC/WebDriver/IDE/Grid, HP Quick Test Professional and Junit/TestNG, Load Runner and **Junit/TestNG**, **LoadRunner.**
* Involved in **UAT**, IT testing Environments, and testing Production migrations.
* Hands on experience in **Quality Assurance including Functional, System, Smoke, Regression**, and **Integration, User Acceptance Test (UAT)** and Compatibility Testing of Web and Client server Applications.
* Experience in all phases of **Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle** and Methods like **Waterfall and Agile**.
* Experience in Developing N-tire application using **ASP.NET2.0/3.5, C#, VB.NET,JavaScript, VB Script, Ado.Net, Windows Form, Web Form Visual Studio.NET(2005,2008,2010), XML.**
* Worked with **.NET Server Controls, Web User Controls, Grid view,** Form Validation Controls and Custom Controls.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center, JIRA, IBM Clear Quest, BugZilla.**
* Worked on Amazon Web Services (AWS) infrastructure with automation and configuration management
* Experienced in load and performance testing tool **JMeter**.
* Sound knowledge on **Junit, TestNG**framework for Unit testing, **Maven** and **Ant** for Project Building tool, **Jenkins/Hudson, Bamboo** for continuous Integration and Deployment.
* Experience in **Black box, White Box, testing**and GUI testing with a complete QA cycle from testing, defect logging and verification of fixed bugs.
* Excellent analytical, problem solving, communication and interpersonal skills along with a good attitude for learning.

**Technical Skills:-**

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| --- | --- |
| **Test Approaches** | Waterfall, Agile/Scrum, SDLC, STLC, Bug Life Cycle |
| **Testing Tools** | Selenium (IDE, RC, Web Driver, and GRID), TestNG, JMeter, JUnit, Appium, Cucumber, Protractor,SoapUI, SOA, REST full, Graph QL, QC, ALM, Regex Tester, SauceLabs, Coded UI, Spec flow, Fitnesse, HP Load Runner, Postman,test Complete,Apache POI, Test Complete, Test data management, Microsoft Visual Studio, AWS, Android Studio, HP UFT and QTP/UFT. |
| **Testing Types** | Component Testing, Integration Testing, Security Testing, Performance Testing, Regression Testing, Acceptance Testing |
| **Frameworks** | Keyword Driven, Data Driven, Hybrid, Page Object Model (POM), Hybrid and Modular Frameworks, BDD, TDD. |
| **Build & Integration Tools** | Maven, ANT, Jenkins |
| **Programming Languages** | C, JAVA, C#(.Net)JavaScript, Python, Groovy, VB Script,Ruby, Gherkin, SQL |
| **Markup Languages** | HTML, XML, XPath, CSS Selector |
| **Databases** | MySQL, Oracle, SQL Server, MongoDB |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| **Operating Systems** | Windows XP/7/8/10, Ubuntu, UNIX, LINUX, Mac |
| **Defect Tools** | HP Quality Center,JIRA, Rally |
| **MS Office Tools** | Outlook, Word, Excel, PowerPoint, MS Access, Visual Studio |
| **Utilities** | IntelliJ, Eclipse, GIT, TFS, SVN, FireBug, FirePath, Sharepoint,WebEx., Visual Studio, Silverlight |

**Education:-**

* Bachelor’s in Computer Science and Engineering from **JNTU Hyderabad in 2010, Telangana India.**

**Professional Experience: -**

**Automation Engineer/SDET**

**Secretary State of Colorado (Election Department), DenverJan2020 - Till Date**

**Responsibilities:**

• Participated in daily **Azure Devops Meetings,** Scrum Meetings, Sprint Planning Sessions, Sprint Review and SprintRetrospective Sessions  
• Analysed the user stories based on detail acceptance criteria for the corresponding Sprint.  
• Run Defect Triaging and review the **Test Plan, Test Scenarios, and Test Cases** with Project Team.  
• Involved in creating, updating and executing of test cases according to requirements.  
• Developed and maintained automated regression test cases **in Selenium Web Driver** using **Java programming language, MAVEN and TestNG.**  
• Designed and developed Page Objects using Page Object Design Pattern and **Selenium Web Driver.**  
• Executed System Test Cases/Scenarios in DEV environment and make sure that user stories are working as expected.

•Creating Automation test Scripts for **API’s** by using JavaScript in **Postman toll**.

• Extensively used **Selenium WebDriver API (XPath and CSS locators)** to test the web application.  
• Identified the correct web elements uniquely by using different types by locators like Id, Name, Link Text, CSS, DOM, and XPath.  
• Proven ability in developing **BDD scripts** with Cucumber and writing step definitions for behavior.  
• Used Ajax Call Synchronization in Selenium Web Driver, used Implicit, Explicit waits to handle the execution flows.  
• Integrated with TestNG to perform **Cross Browser Testing** using parallel processing, groups and annotations.  
• Participated in continuous integration using Jenkins.  
• Developed Automation framework implementing Page Object Model, and Data Driven Test for certain Test Cases.  
• Tested Restful Web services using **SOAP UI and Ready API.**  
• Performed data driven testing by using JDBC as a data source in SOAP UI.  
• Conducted backend testing using **SQL queries** to validate data for database and Used SQL queries for retrieving data from database for executing user specific test cases.  
• Extensively involved with backend testing by writing complex SQL queries.  
• Executed the automated **regression test cases** during every release and also executed the daily regression test suites.  
• Involved in **debugging** of the existing automation script.

• working in **Agile/ Scrum methodology** for SDLC and working on Test management tool Azure Devops.

**• Responsible for all aspects of project delivery (Execution and summary report)**

• Setup Azure Dev ops Pipeline for Application specific Infra Code Deployment.

• Use Azure Dev ops as a bug tracking tool and raise the bugs found in the application.

• Responsible for maintain daily **schedule job on Azure Dev ops** and debug failure build on Azure Dev ops and reporting the issues.

**Automation Engineer/SDET**

**Progressive Insurance Company, Colorado Springs Feb2019 –Jan2020**

**Responsibilities:-**

* Developed and maintained automated regression test cases in **CTR FitNesse testing toolusingC#programming language.**
* Designed and Developed**Regression automation script and Automation of functional testing framework** for New [**Foresee Data Collection**](https://www.foresee.com/privacy-policy/foresee-data-collection/) **from Foresee Vendor using WebApIs**
* Reviewed and understood user stories/ functional Requirements and various business requirements documents.
* Developing Test Fixture in the CTR with API Design using API description tools such as **Swagger**, API blueprint, etc
* Designed and executed Test plans and Test cases according to product backlog and user stories for **VIN Picklist, VIN symboling, Motorcycle, RecreationVechile, Boats**
* Designed and Developed **Regression automation script and Automation of functional testing** framework for all modules using **CTR**
* Used **a Postman** tool to test WebApi based architecture application to test **Web services and Web API** and validated them using C#Langugage.
* Identified and organized the overall plan for test data, strategy and the Scope of testing within the context of each Sprint.
* Develop QA and automation test code in **C#** programming language
* Performed Sprint level testing, Functional Testing, Systems Integration Testing, UAT, and Regression Testing.
* Extensive analysis of the requirements and overall program
* Creating the **Responders(Data)** basing on the requirements from the Quoting Team
* Understanding the screen flow and business functionality
* Participated in daily**Kanban Meetings,**Scrum Meetings, Sprint Planning Sessions, Sprint Review and Sprint Retrospective Sessions.
* Interacted with developers, Business & Management Teams and End Users
* Prepared and provided status summary reports on system status, system changes, problems and potential impacts.
* Interacted with different integrations services like Rating, Motor Vehicle, Address validation and Document & Forms
* Collaborating with other **DevOps engineers** to maintain a deployment and management strategy - Assisting with creating and maintaining an automation and monitoring framework
* Tested various major functionalities like Credit, Pop, Foresee, Vin, and Renewals.
* Worked with developers by updating the defects and resolving them and tracking the status.
* Defects found during testing were logged in HP ALM (Quality Centre 11) and Later Moved to TFS.
* Queried database using SQL queries to ensure data integrity and to validate the inserted and updated data
* Tested business integration between internal and external systems in a SOA.
* Discussed with the team in identifying regression areas that can be automated
* Provide **on-call support** for External Data platform
* Executed test scripts in CTR for regression testing to ensure the quality of the system
* Maintained SharePoint to check if all the requirements are implemented and Tested according to entry/exit criteria.

**Automation Engineer/SDET**

**TD Bank, Cherryhill,New Jersey Aug2017 -Jan2019**

**Responsibilities:-**

* Worked in the agile environment with frequently changing requirements and features set. and understanding of web portal requirements.
* Prepared **Test Plans, Test Scripts and Test Cases based on functional specifications and user requirements**.
* Developed and maintained automated regression test cases in **Selenium WebDriver** using **Javaprogramming language and TestNG Framework.**
* Written **gherkin** and **Ruby** scripting automation test scripts to execute in **Cucumber.**
* Developed, Enhanced, and Maintained automated testing scripts java
* Designed test cases based on the use-cases and the complex business logic defined for each web-service or a message.
* Used **C#** as a programming language and **Visual Studios as IDE** for automating the Test Suite
* Designed and Developed **UAT Regression automation script and Automation of functional testing** framework for all modules using **Selenium** and **WebDriver**.
* Creating test scripts using **C# and Selenium Web Driver** for the functional test cases.
* Create and maintain fully **automated CI/CD pipelines for code deployment using Octopus Deploy and PowerShell**
* Web Service testing (**RESTful**) and Automation using **C#,** .Net **based framework**
* **,**using JSON, XML payloads.
* **WebService automation**using **C#**, **Soap UI**and tested web services manually using POSTMAN.
* Proficient in testing web-based applications, REST API Automation & Service Virtualization.
* Created C# based scripts for Selenium Web Driver with NUnit as automation frame work.
* Used **Selenium WebDriver** APIs for writing Junit test suites and test cases for testing functionality.
* Extensively used **Selenium (data-driven, XPath locator) and WebDriver** to test the web application.
* Have participated in all level of product design, worked with product manager, product development team and end user.
* Based system. Perform various development activities for **DevOps** practices for the project, including continuous integration, continuous delivery, continuous testing, and continuous monitoring. Design continuous integration best practices for the development team using **Docker, Ansible, and Jenkins**
* Created a **Continuous Delivery**process to include support building of **Docker** Images and publish into a private repository- **Nexus v3.**
* Exported test case scripts in Eclipse **IDE** and modified the **Selenium** scripts and executed; Prepared automation test framework (**Junit and Maven**). And worked on acceptance testing using Cucumber.
* Performed back-end validations using **SQL** statements against Oracle Database.
* Extensively used **Groovy scripts for test report application output**.
* Used Page Object Model (POM), UI Mapping, Selenium Manager, Data Driven using CSV, CSS Selectors as a part of Framework. Based on page library, developed **Selenium test cases** in **Java using TestNG framework**.
* Implemented and worked on Acceptance Test Driven Development (ATDD) agile methodologies completing releases ahead of schedule.
* Worked on agile scrum methods for **BDD.**
* UI validation i.e. tested AngularJS based application using **protractor.**
* Extensively used **Selenium** (data-driven, XPath locator) and **WebDriver** to test the web application.
* Utilized various test tools for automation of test cases **Generate test reports** and performed extensive Web Services testing using SOAP UI.
* Performed **regression tests** using **test complete**.
* Used **Python** to develop automation framework to validate Rest full web services
* Used **SOAP UI and Postman** tool to test SOA based architecture application to test **SOAP services and REST API** and validated them using Groovy scripting.
* Used Clear Case, **Subversion** for code repositories and Maven for the dependencies.
* Used **JIRA** to track the tasks and issues, attended daily status meetings to update the status of work.
* Used Git as code repository and Code Collaborator to manage code reviews.
* Performed **Back-End Testing**, database table manipulations of relational database systems by writing complex **SQL queries** manually.
* Knowledge in testing **SOA Architecture**, **Web Services,Security,Network protocols (VOIP, TCP/IP),**
* Participated **QA** weekly meetings and various other meetings and discussed Enhancement and Modification Request issues and defects in the application.

**Environments:**Selenium WebDriver, Jenkins, JAVA, Python, SOA, Postman, CI/CD, Groovy, Cucumber, JQuery, SOAP UI, Maven, JMeter, jerkin, Ruby, Cucumber,Protractor,BDD, Test Complete, TestNG, Page Object Model (POM), Quality Centre, XPATH, Eclipse, TDD, Agile, GIT, SQL, Jira, Windows.

**QA Engineer/Mobile Tester**

**GNCCorporation, Pittsburg, PaMar2016 – July 2017**

**Responsibilities:-**

* Analyzed the specifications from **Business view** and **Functional view** of the application. Participated in project kickoff and sprint planning meetings doing planning poker.
* Participated in daily Scrum meetings, discussed with Business Analysts and Developers about requirement gaps, defects and blocking issues.
* Took a leading role in mobile testing using Appium for testing client's mobile apps on the Android and iOS platforms.
* Worked on **POS self-check-out / POS QA Testing** was involved in setting of QA Test environmentwith simulated POS test environment.
* Tested different functions of the **POS system like scanning, payments**and**returns.** Moreover, make sure that the system met the requirements and expectations.
* Tested Mobile Applications using **various devices, Emulators and Simulators (such as XCode, iOS simulator and** Experience in iPhone using iPhone SDK, **XCode**& Objective C.
* Created and execute on test plans, test strategies, and test cases for client-facing web applications and related back-end systems using **HP QC (ALM 11.5)** andperformed site admin activities as required like **‘**Create & Maintain domains, projects, users’, assigning users to diff domains & projects, generating passwords.
* Implemented test automation scripts for mobile testing using Appium for Android and iOS applications.
* In this role, I am responsible to manage Service Virtualization program across multiple applications and ensure provide virtual environments as per project needs, track ROI and support CI/CD/Agile transformation.
* Created automation suit for a few Android app functionalities using UI Automator viewer through Android Studio independently.
* Proven ability in developing **BDD/TDD scripts with Cucumber and writing step definitions for behavior.**
* Performed testing of pin pads/ credit /debit cards while validating **POS** systems accordingly.
* Developed Manual test scripts for different test scenarios covering all aspects of project functionality using **JIRA Defect Management, Team Foundation server.**
* Familiarity with embedded systems design, low-level hardware interactions.
* Developed and Executed **Automation and Manual test cases** for **Functional testing** of various modules of the application.
* Proficient in **continuous Integration** testing using **Maven, Jenkins, GIT**
* Checked the **data** flow through the front end to backend and used **SQL** queries, to extract the data from database.
* Identified the defects in early development stages and saved cost of quality

**Environment:-**Selenium, Agile, TestNG, Maven, Cucumber, Jenkins, SOUPUI, BDD, TDD, HTML, XML, XPath, Rally, POS, Appium, Quality Centre, Firebug, SQL, PLSQL, SQL Navigator, Oracle, UNIX, Windows.

**Automation Tester**

**Coventry Health Care,Bethesda, MarylandJan2015 –Feb 2016**

**Responsibilities:-**

* Strong knowledge on the SDLC, STLC models such as **Waterfall** and **Agile** (SCRUM) methodology
* Used **Agile** methodology in developing the application, which includes iterative application development, 2 week-sprints, daily stand up meetings, Sprint Retrospective, Sprint Planning, Story Estimates and customer reporting backlogs(bugs).
* Involved in defining test automation strategy and test scenarios, created automated test cases, test plans and executed tests using **Selenium IDE**.
* Created**C#** based scripts for **Selenium Web Driver** with **NUnit** as automation frame work.
* Vast experience with systems integration testing applications developed for the .NET platform
* Developed application logic using **C#.Net, Power Script, VB.NET**.
* Identifying the correct **GUI web elements** by using different types by locators like **Id, Name, Link Text, CSS, DOM, and XPath.**
* **Cucumber** used as a secondary Tool for entire **Regression Testing** and Functional Testing with primary tool as Selenium.
* Developed and maintained **automated regression test cases** in **Selenium Web Driver** using **C#.**
* Automated a data driven approach for creating journals with indefinite number of rows in the Journal template excel application in **Coded UI** Automation Prototyped test automation for the CODIS application using **Coded UI and UI Automation**.
* By using **VB Scripting** created test scripts in **test complete** automation tool for regression testing.
* Converted C# based web application into a web service for Integration and tested using Soap UI.
* Analyzed the performance and load testing of the application through **JMeter**.
* Performing Claims validation of facets application as required.
* Using **test Complete** generated and executed VB Scripts.
* Provided interface between Excel sheets and selenium through Apache POI API.
* Involved in Web Services Testing using **SOAP UI Tool.**
* Knowledge in testing **SOA Architecture**, **Web Services, UDDI, Network protocols (VOIP, TCP/IP)**.
* Configured **ANT builds scripts** to run tests, develops reports and sends notifications.
* Conducted backend testing to validate and **retrieve data from Database** using SQL queries for executing user specific Test cases.
* Developed Unit Test Plan and Test cases by working with business clients. Conducted **Unit Testing** and **Functional Testing**.
* Maintained web portal and tested before deploying to usability and functionality.
* Used **Ant** for building the WebDriver project and Integrated with Continuous Integration tools **Jenkins**for running tests automatically.
* Develop/execution of automated scripts using Microsoft custom .NET framework in **VSTS**.
* Participated in Walkthroughs and Defect report meetings periodically.
* Supported **User Acceptance Testing** (UAT).
* Defect tracking, reporting of test suite, project progress is monitored through TFS.

**Environment**: - Agile, Selenium IDE, Selenium WebDriver, SOA, C#, VSTS, Facets,Intellij, Test Complete, Coded UI, ANT, TFS, JMeter, Silk Performer, PLSQL, and LINUX.

**QTP/UFT Tester**

**Red Bus ,Bangalore, INDIA Mar 2012 – Nov 2014**

**Responsibilities:-**

* Developed this project using **Waterfall** methodology.
* Involved in identifying the manual test cases for automation.
* Maintained the Test data documentation based on business functions.
* Executing test cases, ad-hoc product testing, reporting bugs and reporting tester status, writing test scripts, test automation using diverse testing tools like **QTP/UFT** and **Load-Runner.**
* Extensively used **QTP/UFT** integrated environment like Data Table, Actions, and Recovery scenarios.
* Developed automated test scripts and **parameterized QTP Scripts** for **Regression testing** using QTP.
* Enhanced and created **QTP/UFT scripts using reusable actions, parameters and check points.**
* Responsible for testing and implementing service-oriented architecture components.
* Parameterization of test scripts in QTP to avoid duplication of input using Excel.
* Worked with bug tracking tools like **Quality Centre**.
* Created test planning and participated in execution for API Testing using **SOAP UI**.
* Developed and executed **SQL queries** in the database to conduct Data integrity testing by checking the data tables on the server.
* Experience in leading a **Manual Testing** assignment and successfully tracked progress of Manual testing effort.
* Submit the Quality Assessment Report to the stakeholders.

**Environment**: - Waterfall,QTP / UFT, Load Runner, Quality Center, Quick Test Pro, SQL, Web Logic, and Microsoft Excel.