**MOHAN**

### Senior QA Automation Engineer

Over 8 yearsof **QA** experience in all phases of **Software Development Life Cycle** and **Test Development Life Cycle, testing**, **defecttracking** management, and **reporting** of web-based and client server applications in various domains like **Insurance and Healthcare.** Adept at using both **manual** and **automatedtesting** tools to troubleshoot systems.**Integration**,**user acceptance**, **positive** and **negative**, **functionality** and **regression testing**.

Demonstrated success record in:

* Implementing different automation development efforts in **Agile/Scrum** and **Waterfall development** environments.
* Expert in **STLC** (Software Testing life cycle) and **SDLC** (Software Development life cycle)which includes developing **Test scenarios, Test Suites, Test cases, Test procedures, Test reports** and documenting **manual and automation tests.**
* Creating, executing and managing test plans/cases across the entire spectrum of quality:
* Designed, Developed and executed test scripts using **selenium Webdriver**and analyzed test results for smoke and regression suites
* Designed and implemented **Selenium Webdriverautomation framework** for smoke and regression test suites using **TestNG**
* **Database/Backend testing** using **SQLQueries** fordata design, data validation and data integrity testing.
* Experience in **Parallel Execution of Multiple Tests** at a time in different environments.
* Experience with **Cross-Browser and CompatibilityTesting** to test whether the web applications are working as desired in different browsers and environments.
* **Grouping, Prioritizing of Test Cases, Test Methods and Test Suites** for system and functional testingusing the TestNG annotations like **Groups, Parameter, and Data Provider**.
* Experience in **Mobile APP** testing on Android, iPad and iPhone, Emulator, Simulator to perform Mobile App testing, phone functionality testing Appium for Regression.
* Performed **Continuous Integration/Continuous Delivery** of code and triggered jobs using **Jenkins** builds.
* Effectively involved in Defects logging, tracking and managing Defect Life Cycles using **JIRA**,**Quality Center** and **Rally.**
* Developed **Web**-**Service** enabled applications using **SOAP UI** for testing Web Services, inspecting WSDL files, generating SOAP envelopes, and automating or accelerating many other common XML tasks when encountered
* Reviewed **Application and Test logs**, program outputs and reports to identify program processing errors and defects**.**
* Well conversant with the implementationand practical hands on experience in different types of frameworks like **Keyword Driven, Data Driven, Hybrid and Page Object Model (POM).**
* Set up the automation framework using **Selenium Webdriver, TestNG, JUNIT** and **integrate** with build server.
* Worked closely with the **product owners**, application developers and subject matter experts to understand the requirements/design, participate in test planning sessions and demonstrate application functionality in **sprint** reviews.
* Developed programs to test areas such as database impacts, software scenarios, regression testing, negative testing, error or bug retests, or usability.
* Knowledgeable in understanding full QA cycle to work hand in hand with the business analysts, functional analysts, developers and users.
* Proven ability in working individually or as a part of team, Problem solving, Process improvement activities, Analytical skills, reporting and Assisting to Manager.
* Worked closely with cross-functional teams to thoroughly test requirements and functionality. Proven ability in Windows/UNIX Commands, Scripts and testing on Windows/UNIX platforms.
* Proficiency in testing **complex software applications** using automation testing and manual testing.
* **Good Documentation Skills** and ability to produce complete project deliverables in specified deadlines.

### CORE COMPETENCIES

|  |  |  |
| --- | --- | --- |
| * Automation testing
* Manual testing
* Integration testing
* System testing
* Smoke testing
* Regression testing
* Functional testing
* Web / UI testing
* User Acceptance Testing (UAT)
* Cross Browser Testing
 | * Agile/Iterative/Waterfall
* Software Development Life Cycle (SDLC)
* Software Testing Life Cycle (STLC)
 | * Selenium IDE/RC/WebDriver/Grid
* Frameworks-Hybrid, Data Driven, Keyword
* TestNG
* Cucumber
* SVN
* Maven
* Jenkins
* SoapUI
* TestNG Parameterization
* Enterprise Testing service
* Azure Devops
 |

**TECHNICAL SKILLSET**

|  |  |
| --- | --- |
| Approach | *Waterfall, Agile/Scrum, SDLC, STLC* |
| Testing Tools | Selenium WebDriver, TestNG, Selenium IDE,JUnit, Cucumber, SoapUI, QC, , ALM, Postman, Azure Devops |
| Test Build & Integration Tools | Maven, ANT, Jenkins,  |
| Frameworks | Keyword Driven, Data Driven, Hybrid, Page Object Model (POM), BDD, ATDD, TDD |
| Programming Tools | JAVA, C, JavaScript  |
| Markup Languages  | HTML, XML, XPath, CSSSelector |
| Databases | MySQL, Oracle, SQL Server |
| Browsers | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| Operating Systems | Windows 7/8/10, Ubuntu, UNIX, LINUX, iOS, Android |
| Defect/Agile Tools  | JIRA, Rally, qtest ETM |
| MS Office Tools  | Outlook, Word, Excel, PowerPoint, MS Access, Visio |
| Utilities  | Eclipse, SVN, GIT, Azure Devops |

**PROFESSIONAL EXPERIENCE**

**Geico Insurance company Feb2018 – Till Date**

**Senior Mobile Automation Engineer –Chevy Chase, MD**

* Devise and support the implementation of effective **quality assurance**, **process controls**, statistical analyses, **metrics** and **System Integration Testing**
* Performing the attended and unattended automation Scripts through **Azure devops(CICT)** for every test build
* Effectively involved in Defects logging, tracking and managing Defect Life Cycles using **JIRA**,
* Proficiency in testing complex software applications using automation testing and manual testing.
* Good Documentation Skills and ability to produce complete project deliverables in specified deadlines.
* Used **POSTMAN** to provide the performance metrics of applications in terms of Load and response time for the application endpoints. Validated the Restful services.
* Experience in **Mobile APP**testing on Android, iPad and iPhone, Emulator, Simulator to perform Mobile App testing
* Experience with creating the policy API calls as per the precondition by using **ETM** and **POSTMAN.**
* Experience with creating and executing manual test cases and automated test scripts
* Worked on **Agile (Scrum)** environment and involved in review the stories and participated in Daily Scrum, Iteration Planning and Release Planning meetings.
* Responsible for periodic updating of Test Plans and Test Cases as per Requirement Specifications and Business rules.
* Experience in Identifying the **object OR** and run the automation scripts.
* Developed and maintain the automated scripts using Enterprise testing management (ETS)
* Experience in Mobile automation for **END to END** testing
* Performed back-end testing using SQL queries to validate the data in the Server.
* During testing life cycle, performed different types of testing like Smoke Testing, Integration Testing and Automation Regression Testing.
* Implemented Appium scripts to test IOS and Android platforms.
* Performed the **Smoke test** for every new build and executed the regression automation cases through CICT.
* Implemented UI Automator viewer in **Appium** to inspect elements in mobile applications.
* Working with the offshore team as well as communicating with the team, Mobile team, project leaders & development teams regarding test activities and participating in defect reviews and discuss on maintenance review for automation scripts

**TransAmerica Life Insurance Nov2016 – Dec 2018**

**Senior Automation Engineer –Cedar Rapids, IA**

* Devise and support the implementation of effective **qualityassurance**, **processcontrols**, statistical analyses, **metrics** and **SystemIntegrationTesting**
* Good Understanding of **ISO** and **QualitySystemRegulations** for **DesignControls** and **RiskAnalysis**.
* Designed test plans and developed code that runs in an automated fashion using the test platform.
* Created and tested**Positive** and **Negative** Test scenarios to test the functionality and error handling.
* Maintained and stored source code repository as GIT and Performed code and peer reviews.
* Develop test cases in **Spec Flow** using the **BehaviorDrivenDevelopment** approach using the Given When and Then scenarios for any given test case.
* Generate test reports based on the scenarios run, tests passed, failed and analyze the application performance, **GapAnalysis** and **RiskAssessment Analysis**.
* Used **POSTMAN** to provide the performance metrics of applications in terms of Load and response time for the application endpoints. Used **SoapUI** to test the application **webservices** and POSTMAN for API validation for **REST** Assured services.
* Participated in **defecttriage**, **datamigration** checkpoint meetings.
* Performed **Integration** testing, **System**testing, **Smoke** testing, **Regression** testing, **Functional** testing, and **GUI** testing.
* Implemented **TestNG** automation framework for **Smoke Test** to ascertain that the crucial functions of the application work and implemented **Regression Test** to detect bugs after enhancement and configuration settings of the code.
* Performed **Parallel and Cross Browser testing** on different browsers like Internet Explorer, Chrome, Safari and Firefox where multiple tests were run at the same time.
* Configured the **Test Cases** to receive input **Test Data Sets** for the corresponding test cases using TestNG **Data Provider** Annotation.
* Developed Hybrid/Data Driven Framework using the **Test Suites, Test Cases & Test Data Sets** were configured to perform or skip the execution and wrote the test results **Passed/Failed/Skipped** to the output files.
* Performed **BDD (Behavior Driven Development), ATDD (Acceptance Test Driven Development)** using **Cucumber (Java)** and Scenarios and Step Definitions.
* Performed continuous integration of code and scripts using **Jenkins**. Configured and launched builds using Jenkins jobs and analyzed the Test Results from Jenkins UI.
* Worked on **SQL queries** to verify data integrity and validate updated data for the test cases in different modules.
* Usability testing of the application and workflow involving multiple functional modules
* Worked with developers to Create and update the defects, resolve and track their status using **JIRA** and **Defect Management Tracker**.

**Tools and Techniques:** Java, Selenium, TestNG, Eclipse, XML, HTML, Cucumber, SoapUI, SVN, Maven, Jenkins, JIRA, Hybrid/Data Driven Framework.

**Cigna Health Care Nov 2015 to Sep 2016**

***QA Engineer*,Philadelphia, PA**

* Assessed & analyzed user stories and participated in **Sprint planning, Review Sessions & Scrum Meetings**.
* Prepared Test cases for positive and negative test scenarios as referred in the user stories keeping in mind the **Boundary Value Limitations, Equivalence classes**.
* Implemented **TestNG** automation framework for **Smoke Test** to ascertain that the crucial functions of the application work and implemented **Regression Test** to detect bugs after enhancement and configuration settings of the code.
* Performed **Functional testing** as per user stories and performed **Integration Testing**and System **Testing** on filing pages using Selenium WebDriver automation scripts.
* Performed **Parallel and Cross Browser testing** on different browsers like Internet Explorer, Chrome, Safari and Firefox where multiple tests were run at the same time.
* Took the **Application Screenshots** and copied the images whenever exceptions occurred and at important checkpoints of application execution.
* Designed and Developed test automation **Artifacts** (scripts, functions, scenarios, processes) for simple to complex automated testing situations using various tools like **Selenium, Cucumber, TestNG and XPath**.
* Used **Hybrid Keyword/Data Driven Framework** and extracted data from external Excel files using **Apache POI** and loaded into the variables in the scripted code.
* Configured the**Test Cases** to receive input **Test Data Sets** for the corresponding test cases using TestNG **Data Provider** Annotation.
* Developed Hybrid/Data Driven Framework using the **Test Suites, Test Cases & Test Data Sets** were configured to perform or skip the execution and wrote the test results **Passed/Failed/Skipped** to the output files.
* Performed **BDD (Behavior Driven Development), ATDD (Acceptance Test Driven Development)** using Cucumber Features, Scenarios and Step Definitions.
* Used **SoapUI** to test the application web services.
* Managed the **framework dependency jars** using **Maven**. Used Maven to perform build from **Jenkins Continuous Integration**.
* Performed continuous integration of code and scripts using Jenkins. Configured and launched builds using Jenkins jobs and analyzed the Test Results from Jenkins UI.
* Worked on **SQL queries** to verify data integrity and validate updated data for the Test cases in different modules of the **Medicare**and Medicaid application.
* Usability testing of the application and workflow involving multiple functional modules
* Worked with developers to Create and update the defects, resolve and track their status using **JIRA**.

**Tools and Techniques:** Eclipse, Selenium WebDriver, Java, MySQL, PL/SQL, SoapUI, Oracle, TestNG, Jenkins, Firebug, Rally, Cucumber, Gherkin.

**J C.Penny Sep 2014 to July 2015**

**QA Automation Engineer, Plano, TX**

**Responsibilities:**

* Reviewed business requirements and technical specification documents and Analyzed use cases, functional requirements to write detailed **Test plans and Test cases.**
* Developed **Test Framework** in Selenium for UI Regression Test Automation and when necessary, and potentially execute **Unit Test automation (Java).**
* Used Selenium **WebDriver** and **TestNG** to run the parallel testing.
* Responsible for creating and maintaining automation acceptance test suite using **Selenium and Cucumber framework**. Also responsible for converting automation scripts to new framework using **Selenium WebDriver, Java and TestNG.**
* Performed various mobile gestures (Long Press, Multi Touch, Drag & Drop and Swipe). Identified mobile elements using **Appium Inspector**, **UI Automator Viewer.**
* Involved in testing SOA applications, UI applications written in Java.
* Performed Web Service testing using **SoapUI.** Used **WSDL file** and performed data validation sending the request. Used Groovy programming for Web Service testing.
* Involved in pushing the automated test code into CI (Continuous Integration) and monitored the test execution in **Jenkins** once the code pushed into CI.
* Designed and developed multiple automation frameworks for Web and Mobile applications using **Selenium Web Driver**, **TestNG** and **Page Object Module** framework structure using JAVA.
* Used **Selenium WebDriver API** to automate tests on cross browser and cross platform environment.
* Involved in writing the Acceptance Criteria and Test Cases for the Stories assigned to in **JIRA.**
* Updated the **JIRA** with manual/automated test cases.
* Participated in daily Stand Up call and weekly Open/Close meeting.
* Participated in Peer reviews of automated test cases and Test Plan for the team member.

**Environment:** Java, Selenium WebDriver, TestNG, Java, Cucumber, Maven, Jenkins, SOAP UI, Appium, Agile, JIRA, XML, Oracle 11g, Windows, LINUX.

**Snap Deal, June 2013 to July 2014**

**QA Engineer, HYD.**

**Responsibilities:**

* Developed the System **Test Plans**, **Test Scripts** and **Test Cases** using Software specifications document.
* In the Process of Developing System **Test Plans** analyzed the product requirement documents and detailed design, functional specification documents.
* Attend SCRUM ceremonies including daily stand-ups, grooming sessions, sprint reviews and sprint retrospective.
* Maintained and updated the scripts for every release either by updating the object property value for a specific object or by adding new objects to object repository.
* Involved in Performed Browser Compatibility Testing of **Web Application** on different browsers Internet explorer, Firefox, Google Chrome and Safari.
* Prepared **test data and test results** (input / output files) for data driven method.
* Reported defects using Quality Centre to the development team and followed up for the defects.
* Involved in **Useracceptance testing (UAT),** maintaining quality procedures and ensuring that appropriate documentation is in place.
* Developed test scripts and wrote **SQL queries** to validate the data in Back End.
* Wrote and modified required **UNIX scripts** and other **SQL** validation scripts and writing scripts in SQL to validate the outputs analyzed test results and creating performance evaluation reports.
* Worked with **SQL queries** for data verification and validation.
* Actively participated and Interacted with product management teams in the review and analysis of functional requirements.
* Involved in designing of the modules and **testing JAVA classes** that controlled the whole flow of the module as per specifications.

**Environment:** Java, J2EE, XML, JavaScript, Eclipse, Oracle etc., Selenium WebDriver, Quality Center.