QA Automation Engineer with over 5 years of experience in all the phases of Software Testing Life Cycle (STLC). Worked in different Automation testing frameworks like Data driven, Page Object Model, Behavior driven and Hybrid. Experienced in Automation, Web Testing, BDD, and Manual testing across diversified domains like Healthcare, banking and insurance.

PROFESSIONAL SUMMARY

* 5 years of experience in design and development of Software Testing approaches, specializing in Software Quality Assurance, proficient in testing on Web based applications and Client/Server along with experience in Core Java, using OOPS concepts.
* Proficient in the use of test automation tools such as Selenium WebDriver, Selenium IDE to develop and run automation testing scripts for Web-based applications.
* Working and functional experience in all phases of Software Development Life Cycle (SDLC), along with its methodologies such as Waterfall and Agile, specifically SCRUM.
* Experienced in all Testing Activities including: Requirement review, develop Test Cases and functional Test Scenarios, Test Strategy, Test Plan, Environment Setup, Test Execution, Log Defect and Test report.
* Involved in the design and implementation of Selenium WebDriver Automation frameworks having used both Cucumber framework as well as a working understanding of TestNG.
* Extensive work experience in analyzing Business Requirements. Creating Test Cases, Test Scenarios, Test Scripts as well as the Requirement Traceability Matrix (RTM).
* Expertise in different types of Testing such as Manual Testing, Automation Testing, Integration Testing, Component Testing, Smoke Testing, Regression Testing, GUI Testing, and Functional Testing.
* Automated Test Scripts to implement Test Cases, Test Scenarios, and features for BDD (Behavior Driven Development) using Cucumber, and TDD (Test Driven Development) using TestNG.
* Participated in the defect management process, tracking and retesting defects found during testing until resolved
* Professional experience in Backed end Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Smoke Testing, Positive/ Negative Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing, UI Validation, Boundary Value Testing.
* Working experience in Object Oriented Programming (OOPs) concept, extensively using the Java language for test case automation.
* Experienced in the development of Behavior Driven, Data driven, Keyword driven and Hybrid Automation frameworks in Selenium WebDriver.
* Expertise in Grouping of Test Cases, Test Methods and Test Suites for regression and functional testing using the TestNG annotations like Groups, Parameters, Data Provider in Selenium WebDriver.
* Well versed in different management scenarios like Change Control, Quality Assurance, Defect Tracking and System Integration.
* Experience in writing CSS selectors, Xpath expressions to identify Web Elements using selenium WebDriver
* Excellent experience in troubleshooting software applications for business functions in major areas of the business and enterprise-wide.
* Ability to adapt to new environment quickly, strong team player, good communication, good analytical and computation skills, enthusiastic learner, confident, sincere and committed.

PROFESSIONAL EXPERIENCE

**Duration: February 2016 – Present**

**Client: Youth for Tomorrow, Bristow, VA**

**Title: QA Automation Engineer**

Responsibilities:

* Gathered and reviewed requirement documentation such as business requirements, ensuring each requirement was covered.
* Reviewed the Requirement Traceability Matrix, designed and documented Test Strategies, Test Cases and executed test cases.
* Manually tested, verified and validated that the product meets user requirements.
* Developed test scripts in Java language using Selenium WebDriver and Cucumber framework in Gherkin format.
* Responsible for writing and maintain Selenium WebDriver scripts for regression and functional testing using Behavior Driven framework(BDD) and Cucumber.
* Set my automation framework using Selenium WebDriver to run test cases in multiple browsers and platforms.
* Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites.
* Responsible for identifying test cases for manual and Automation with Selenium WebDriver for Smoke Test, Functional and Regression Tests.
* Automated test scripts using OOPs concept to implement test cases, test scenarios, and features for behavior driven and test driven using a hybrid framework of Cucumber and Gherkin.
* Involved in designing of automation framework to be used in UI testing with Selenium WebDriver.
* Used different selenium methods to handle Alerts, Popup, dropdown, check box, radio button, dynamic calendars and web tables in Selenium WebDriver.
* Involved in creation of automation framework in Selenium WebDriver using BDD (Behavior Driven Development) and Page object (POM) driven approach. Executed cross browser compatibility and regression tests using Selenium WebDriver to test the UI following each new build release.
* Supported Regression testing by executing automation scripts on multiple Virtual Machines.
* Uploaded my test scripts into our version control tool GitHub, which would trigger our Jenkins to run Regression and Smoke Tests.
* Performed functional tests using Selenium WebDriver with behavior driven and data driven framework, documenting the results.
* Performed User Acceptance Testing ensuring application is functioning as described in business requirements.
* Identified, Reported and Tracked Defects using the JIRA test management tool.
* Involved in testing the application utilizing the Scrum (Agile) methodology practices.
* Assisted QA lead in documenting User Acceptance Test report and reporting defect resolution.
* Participate in Agile Scrum methodology by attending Daily Scrum meetings, and Sprint Planning meetings and Sprint Review meetings.

Environment: Selenium WebDriver, Java, Cucumber, Gherkin, Agile, Maven, Jenkins, HTML, XPath, Firebug, Eclipse, GitHub, Internet Explorer

**Duration: November 2014 – February 2016**

**Client: TD Bank, Cherry Hill, NJ**

**Title: Test Automation Engineer**

Responsibilities:

* Participated in Agile activities such as Daily Scrum, Sprint Grooming, Sprint Planning as well as sprint retrospective meetings.
* Involved in test case reviews by development team, along with product management and modified the test cases based on their given feedback.
* Developed TestNG automation framework using Selenium Web Driver, to run developed test cases.
* Utilized CSS selectors, IDs, and XPaths to locate web elements in cross browser views, and Web pages, calling them in scripts in order to properly test UI.
* Created Selenium web-driver automation scripts using JAVA to validate business requirements on various browsers concurrently.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium Web-Driver with TestNG.
* Used different XML files to run tests on specific functionalities as well as Regression, Smoke.
* Design & developed data driven framework using Selenium WebDriver, TestNG and Apache POI API.
* Created test scripts in the JAVA Language for new functionalities and maintained existing scripts for upgraded functionalities.
* Configured Selenium WebDriver, TestNG, Maven tool and created selenium automation scripts in java using TestNG prior to Agile release.
* Integrated the test suites to GitHub which would bounce to Jenkins to execute automatically after every successful deployment.
* Verified, edited and updated test data in new or existing systems before testing.
* Ensured Data Driven tests reflected correctly in our Oracle data Base when entering demographics.
* Worked on Data Driven Framework for Automation test scripts.
* Used customized XPath to work with dynamic and static objects in Selenium.
* Used Git as code repository and Code Collaborator to manage code reviews.
* Attended several BRI (Business Requirement Identification) meetings to understand the business requirements, also reviewing given requirements in down time.

Environment:  Selenium WebDriver/ IDE, JAVA, TestNG, Maven, Cucumber, SOAP UI, Xpath, Eclipse, HTML, CSS, XML, SQL, Agile, Oracle and Windows.

**Duration: March 2013 – November 2014**

**Client: Geico, Chevy Chase, MD**

**Title: QA Tester**

Responsibilities:

* Analyzed and documented business requirement specifications, writing test cases to reflect these.
* Attended meetings with the development team to understand technical design and architecture for test planning.
* Worked under waterfall methodology.
* Prepared and maintained the traceability matrix to ensure the adequate coverage of the test cases in the Quality Center.
* Executed Manual tests and reported any anomalies into the defect tracking database.
* Verified each resolution of all defects I logged/ created for the assigned project.
* Prepared required documentation for testing, having had peer review and those documents signed off by various parties as required.
* Uploaded test cases and executed test cases, logging defects in Quality Center/ HP ALM.
* Worked extensively to provide business users with ‘Documents of Understanding’ for various change requests by analyzing the feedback from user groups.
* Performed Manual Smoke, Functional, Regression and Integration testing.
* Performed data accuracy, data validation and data integrity testing by querying the database using SQL queries. Verifying the data tables on our database server.
* Updated Test Plans and Test Cases periodically to manage changes in requirements.
* Performed back end testing on oracle database by writing SQL quarries.
* Worked concurrently with developers regarding defects, participating in tracking, reviewing and analyzing bugs.
* Identified and reported bugs using defect tracking tool Quality Center and presented bug reports for weekly status updates.

Environment: Java, Manual Tester, Quality Center, MS Visio, HTML, Oracle.

TECHNICAL SKILLS

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| Testing Tools | Selenium IDE, Selenium WebDriver, Soap UI |
| Languages | JAVA, SQL, HTML, XML |
| IDE | Eclipse, SQL Developer |
| Test Framework | Cucumber, Junit, TestNG, Data Driven Framework |
| Build & Integration Tools | Maven, Jenkins |
| Processes | Agile-Scrum, Waterfall |
| Bug Tracking Tools | JIRA, HP ALM, Quality Center (QC), Rally |
| Version Control | GIT, Bit Bucket |
| Data Bases | Oracle, MySQL |
| Operating Systems | Windows 7, 8 |