##### Sundas Q

##### Sr.QA Automation tester

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**PROFESSIONAL SUMMARY**

* 8 years of QA experience in Manual/Automation testing of Web Apps and client with specializing in Software Quality Assurance Testing, QA Automation Engineer proficient in testing on Client/Server and Web based 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 Automation Testing and Exploratory Manual Testing (Black Box/White Box Testing) on Web - based applications.
* Involved in developing automation frameworks using **Selenium WebDriver, Protractor, JUnit** and **TestNG**.
* Extended experience in systems testing, integration testing, UAT testing, positive and negative, functionality testing, and regression testing.
* Experience in developing end to end automation using **Selenium WebDriver/IDE/Grid, Junit/TestNG, ANT, Maven, Jenkins, Cucumber, Web Services (REST, SOAP).**
* Experience in developing**Java Selenium/ WebDriver**test scriptsand**Test Frameworks** using**TestNG/ Junit**to perform**Functional**and**Unit Testing.**
* Extensive knowledge in **Protractor** framework for Applications developed with Angular JS.
* Have **Java** coding experience in **Eclipse IDE** for functional testing and regression testing for web based applications.
* Experience with documenting **E2E** test scenarios to test **REST APIs** using **REST Assured** framework and Postman.
* Exhaustive Experience in Designing & implementation of Automation Frameworks including TDD, BDD, data driven, keyword driven, and hybrid using Selenium Web Driver, C#, JavaScript.
* Developed Test Scripts to implement Features, Test Scenarios and Step-Definition for**BDD (Behaviour Driven Development)**using**Cucumber (Gherkins format).**
* Experience in **creating Test Plans**, **writing and executing Test Cases, Manual Testing, and automated Test Execution.**
* Experience in Business **Functionality Testing, Smoke testing,**User Interface testing, **Integration Testing, Black Box Testing,** End-to-end Testing, **Manual Testing**, **UAT testing**, **Regression Testing**, **Performance Testing**, **Documentation and Reporting**.
* Good experience with **SOA** architecture which include **Soap Web Service** and **RESTful Web Service** Testing.
* Experienced in Automation testing using **Selenium and HP** Quality Center.
* Hands on Experience on testing web services **(SOAP, REST**) using **SOAP UI** Tools.
* Expertise in using Tools **HP Quality Center, JIRA** and **Microsoft Azure Devops**.
* Exposure to web technologies like **HTML, XML, CSS**.
* Experience in writing test cases as per the Software requirement specifications.
* Experience in Back - end testing, data validation, Database testing using **SQL** queries.
* Excellent analytical and problem-solving abilities with good communication, requirement gathering.
* Participated in daily, weekly meetings and technical reviews. Prepared reports showing the testing efforts.
* Capable of working independently, meeting deadlines as an individual contributor and also a good team player.

**TECHNICAL SKILLS:**

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| **Language/Script** | C, C++, Java, C#, SQL, Python |
| **Testing Tools** | Selenium WebDriver/IDE/GRID, HP Quality Center, Junit, TestNG, JIRA, Soap UI, JMeter, Cucumber, REST, Ready API, Postman, Protractor, Rest-Assured and Web Services. |
| **Databases** | Microsoft SQL Server, MySQL, Oracle, Visual Studio |
| **Test Framework** | JUnit, TestNG, TDD, BDD using Cucumber |
| **Bug tracking tools** | HP Quality Center, JIRA, Bugzilla |
| **Version Control Tools** | GIT & GITHUB |
| **Build Tools** | Maven, Jenkins |
| **Microsoft Tools** | MS Word, MS Excel, MS PowerPoint, MS Project, MS Outlook |
| **Operating Systems** | Windows, Mac, Linux |
| **Web Technologies** | HTML, XML, XPATH |
| **Browsers** | Internet Explorer, Firefox, Chrome & Safari |
| **Test Approaches** | Waterfall, Agile/Scrum, SDLC, STLC. |

**WORK EXPERIENCE:**

**Client: Mednax, Sunrise, FL Sep 2020 to till date**

**Role:Sr.QA Automation engineer**

**Roles and Responsibilities:**

* Gathered requirements and application information from Business Area Managers (**BAM**) and Subject Matter Experts (**SME’s**) and developed test cases.
* Involved in design and implementation of **Selenium WebDriver** automation framework for smoke and regression test suites (TestNG and Maven).
* Developed and implemented robust **MVC Pattern** base testing with **Selenium WebDriver** which cut down the script development time in half.
* Involved in preparing test strategies for client side verifications and validations.
* Involved in automating test cases using **Selenium WebDriver with TestNG.**
* Used automated scripts and performed functionality testing during the various phases of the application development using **Selenium**.
* Extensively worked on **selenium web Driver**with the preferred Languages Java, C Sharp, Python, Ruby and Perl.
* Used **TestNG Framework**performed unit testing. Used **Eclipse IDE** executed and tested various functional modules in Java code using assertion.
* Responsible for implementation of Hybrid Test Automation Framework build using **Selenium WebDriver, TestNG and Maven** technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Developed automated tests in partnership with developers for continuous regression testing and reducing manual testing using **Selenium, TestNG and Maven.**
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Involved in testing the application utilizing the**Scrum (Agile)** methodology.
* Involved in **functional testing**, **black box testing**, **negative testing**, **compatibility testing**, and **recovery testing**.
* Involved in testing compatibility of application for dynamic and static content under various cross browsers using HTML IDs and**XPath** in **Selenium.**
* Developed test code in **Java** using **Eclipse, IDE** and **TestNG** framework.
* Performed build acceptance testing and smoke testing using **Cucumber** automation tool.
* Involved in writing unique **XPath** using **firebug and fire path** to identify **web elements.**
* Implemented open source web test tool **Selenium WebDriver** for **cross browser** and cross platform web testing.
* Used **Selenium WebDriver** to test search results of Meta search engine.
* Conducted **oracle database tests** by executing SQL queries to ensure the data integrity by checking various kinds of constraints.
* Developed and executed **SQL queries** to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex **SQL queries** from oracle database.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Performed **regression tests** on the application to assure proper functionality of the site after new builds using **Clear Quest.**
* Participated in daily, weekly meetings and technical reviews. Prepared reports showing the testing efforts.

**Environment:** Selenium WebDriver, Java, TestNG, Jenkins, Maven, Cucumber, Eclipse, XPath, Firebug, Fire path, Agile, SQL, DHTML, Quality center, HTML, Oracle11g, MSWord, MS Excel, GitHub, TDD, Windows 7.

**Client: Verizon (Infosys)– Irving, TX Oct 2019– Aug 2020**

**Role: Automation Test Engineer**

**Roles and Responsibility:**

* Analyzing the user stories and creating Regression and Smoke Test suite.
* Prepared Test Plan, test Cases, Test scripts and Test Metrics for the application as well as for the database verification based on the functional requirements.
* Automating the tests using a customized framework Tapsium developed and used by Verizon.
* Testing architectures, including microservices, and RESTful APIs.
* Developed test automation scripts for Regression, Functionality and **GUI testing**.
* Performed SIT Testing activities (as a part of manual testing) to evaluate and support Microservices by providing end-to-end application testing and by providing technical support.
* Used Python for dynamically generating property list for every application. Automated data movements using python scripts. Creating core python API which will be using among all modules.
* Developed test scripts for web services using SOAP UI and worked with XPATH.
* Tested request and response XML's based web services interfaces using SOAP UI.
* Used **JIRA** for tracking and reporting defects, enhancement requests, and assess the real status of project throughout the **life cycle**.
* Test automation for web application using **Cucumber**.
* Used SQL queries to retrieve the data from database.
* Attended **QA meetings** in deciding **QA Test** Strategies and defining data requirements for testing.
* Worked on workflows for raising download requests, deleting and customizing the information.

**Environment:** Selenium, Python, Rest API, Cucumber, SOAP UI, Microservices, TestNG, JIRA, Maven.

**Client: CONDUENT – Raleigh, NC** **March 2019 – Sept 2019**

**Role:** **Automation Test Engineer**

**Roles and Responsibility:**

* Analysis of Business and Requirement Specifications. Designing Test Lab and Creation of Test Strategy and Test Plans. Also, performed functional, Back End Testing and UI Automation Testing.
* Performed end-to-end testing considering all interfaces and subsystems for functional and nonfunctional testing. Worked on various micro services such as Workflow Engine and Customer Provision Service using ReadyAPI backend tool.
* Built automation framework in Selenium WebDriver using behavior driven **(BDD)** approach in Cucumber framework.
* Created and Maintained Server side Integration Test using **Python**
* Performed end-to-end testing for various UI related scenarios for the application using Selenium framework and SpecFlow for implementing BDD architecture.
* Used Microsoft Azure Devops as a Project/Test Management Tool and GITKraken tool for Devops Pipeline.
* Involved in grouping of **Test Cases, Test Methods and Test Suites** using TestNG annotations.
* Developing test scenarios, test cases and test data and documenting manual and automated test scripts in C# for Selenium.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex queries from **SQL Server**.
* Experienced in Using of **RESTASSURED (BDD framework)** for writing the test cases.
* Maintained the Java and selenium test source code and resources in the GitHub source control repository tool.
* Written extensive programming in **JavaScript** for automating the functional and regression testing through **Protractor** which is an End-to-end testing framework for **Angular JS** application.
* Developed Test scenarios, Test cases, Test data, Test procedures, Test reports and Test Matrices by using Azure Devops.

**Environment:** Selenium IDE, Selenium WebDriver, Selenium Grid, Protractor, ReadyAPI, C#, Python, Java, Eclipse, HTML, CSS, JSON, JIRA, Windows, SQL Server, Maven, GitHub, POSTMAN.

**Client: SBSC – Bentonville, AR** **Nov 2017 – Feb 2019**

**Role:** **Automation Tester**

**Roles and** **Responsibility:**

* Analysis of Business and Requirement Specifications. Designing Test Lab and formulation of Test Strategy, Test Plans Performed functional testing to identify various critical points in the application and automated it by using Selenium WebDriver.
* Used Agile Methodology to ensure the new features meet the customer requirements and acceptable quality assurance standards.
* Developed Hybrid Keyword/Data Driven Framework to retrieve test actions, test data from Excel files and Oracle Databases.
* Developed test code in Java language using Eclipse, IDE and TestNG framework.
* Developed Test Frameworks in Selenium for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /TestNG).
* Configured Selenium WebDriver, TestNG, Maven tool and created Selenium automation scripts in Java using Junit prior to agile release.
* Performed White box testing using TestNG for class, method, & Web Service testing.
* Involved in creating automation test scripts using Selenium Web driver on Eclipse IDE.
* Involved in designing the BDD framework using Cucumber.
* Worked very closely with UI angular developers while automating the tests using protractor and Jasmine
* Created test scripts using C# and Selenium Web Driver for the functional test cases.
* Developed the features, scenarios, step definitions for BDD (Behavior Driven Development) and TDD (Test Driven Development) using Cucumber and ruby.
* Performed data-driven testing by developing data-driven tests to validate the same test with multiple sets of test data.
* Used Jenkins as continuous integration server to run automated test suites.
* Performed Regression testing for new builds and every modification in the application using Selenium.
* Used Selenium WebDriver to run test cases in multiple browsers and Platforms.
* Reported software defects in Quality Center and interacted with the developers to resolve technical issues.
* Involved in designing and building automation frameworks in support of continuous integration in a Test-driven development (TDD).
* Performed Smoke Testing to make sure all the Test Channels and Test Environment is working as desired.
* Maintained Metrics and participated in the Weekly Status Updates showing the progress of the testing effort and open issues to be resolved.

**Environment:** Selenium WebDriver, Protractor, Jenkins, Cucumber, C#, SOAP UI, Maven, Fire path, Eclipse, XPATH, Java, HTML, CSS, TDD, Oracle and Windows.

**Client: T. Rowe Price –Baltimore, MD Apr 2016– Oct 2017**

**Role: Quality Analyst**

**Description:** T. Rowe Price Group is global asset management firm that offers funds, advisory services, account management, and retirement plans and services for individuals, institutions, and financial intermediaries.

**Responsibility:**

* Reviewed design documents & business requirements to learn the function and scope of the application.
* Involved in Validation of the modules of online banking which includes add external account, Balance Transfer, Online Payment Management, Mortgage, etc.
* Performed end-to-end testing considering all interfaces and subsystems for functional and non- functional testing.
* Worked with developers and Business Analysts to assess FRD.
* Maintained the Java and selenium test source code and resources in the GIT source control repository tool.
* Built automation framework in Selenium WebDriver using behavior driven **(BDD)** approach in Cucumber framework.
* Prepared Requirement Traceability Matrix (RTM) to trace test cases to functional requirements.
* Prepared Test cases for positive and negative test scenarios keeping in mind the Boundary Value Limitations and Equivalence classes.
* Involved in browser interoperability testing for various versions of Internet Explorer, Safari, and Firefox.
* Performed GUI, System, Integration, Smoke, Functional and Regression Testing and monitored the behavior of the applications during different phases of testing using testing methodologies.
* Published the weekly status report to the customer on test status and highlighting the issues to be addressed immediately.

**Environment:** Java, Selenium, Junit, TestNG, Jenkins, HTML, XML, SQL, MS Excel, Windows, Firefox, Chrome, Internet Explorer, Manual Testing, GIT.

**Client: Global health IT– Louisville, KY Nov 2014– Mar 2016**

**Role: Test Automation Engineer**

**Description:** Global health IT company that helps healthcare organizations plan, implement and sustain enterprise IT systems over the long term. Its services include enterprise IT system implementation & training and specialty service lines in optimization, clinical adoption, integration & testing, Go-Live and advisory services.

**Responsibility:**

* Involved in Analysis of Business Requirements, Use Cases, Design Flowcharts and Software Requirements.
* Created Java based scripts for Selenium Web Driver with Junit as automation framework.
* Setup the Automation framework using Selenium Web Driver to run test cases in multiple browsers and platforms.
* Created automation scripts in SOAPUI using Groovy Script for web services testing.
* Wrote and executed automated test cases using Selenium Web Driver to automate manual testing solutions.
* Performed Regression testing on new builds, every modification in the application using Selenium Web Driver.
* Involved in Unit testing, test case development and regression testing using Junit for web-based application.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Interacted with development and product management teams for the quick resolution of reported bugs and various technical issues.

**Environment:** Java, Selenium Web Driver, Junit, Jenkins, SoapUI, TDD, Agile, HTML,

XML, REST, SQL, Oracle, Quality Centre, Windows XP, UNIX

**Client: Scalar Soft Inc.– Sunnyvale, CA Apr 2013– Oct 2014**

**Role: QA Analyst**

**Responsibilities:**

* Create and executed automated test cases using Selenium **WebDriver, TestNG** and **Database** as source of Test Data.
* Developed automation Framework for REST API Testing (POST, PUT and GET requests) using **Postman.** Tested the endpoints of user profiles, products etc.
* Compared and analyzed **actual results** with **expected results** and reported the deviations to appropriate individuals for resolution.
* Performed **API** testing using **SOAPUI** and database testing to confirm all the data is being migrated to the specified tables.
* Worked and corresponded with software engineers, venture supervisors and different gatherings so as to set and meet quality benchmarks and due dates.
* Code deployment after the fix to the code has been done and verification of the proper code deployment.

**Environment:** Selenium (WebDriver, Grid), Java, Agile, TestNG HP Quality Center, SOAP UI, HTML, Windows, Firefox, Chrome, Internet Explorer