**Debadutta**

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**Professional Summary:**

* Over **5+ years** of experience in **Software Testing** (**Automation** and **Manual**) with a solid understanding of Test Planning, Test Design, Test Execution, Defect Reporting and Tracking.
* Good knowledge of different phases of Software Testing and Software Development Life Cycle (SDLC) including **Agile** Methodology (SCRUM) and **Waterfall.**
* Experienced in Maintaining the **Selenium WebDriver** and **Java** automation code and resources in sources such as control as **Git/GitHub.**
* Experience in designing customized **Page Object Model**, **Key driven, Test Data Driven**, and **Hybrid Framework using Selenium WebDriver, Java and TestNG.**
* Experience in using **Maven** to build and run the Selenium automation framework.
* Hands on experience in developing test Scripts to implement Scenario Outlines and Step Definitions for **BDD (Behavior Driven Development)** using **Cucumber.**
* Good exposure to **Jenkins** **Sever** for automatic test executions and scheduled builds to provide **CI** (Continuous Integration). Using Jenkins published results and sent email notifications to all the team members.
* Experience automation testing for Android and IOS devices with **APPIUM** using **Java** and **Selenium.**
* Experience in developing and executing Automation test scripts using **Protractor and Selenium IDE.**
* Expertise in **functional testing**, **integration testing**, **regression testing**, **black box testing**, **gray box testing**, **unit testing, GUI testing, API testing, UAT,** browser compatibility testing.
* Expertise in using **Selenium WebDriver** to automate tests on **cross-browser across** different browsers such as **Internet Explorer,** **Chrome, Firefox** in different Operating Systems to serve cross-platform testing environment using **Selenium GRID.**
* Experienced on working **XML, XPATH** and designing Web Services using **WSDL, SOAP,** and **REST** Methods.
* Testing Web Services: **SOAP** and **REST API** requests using **SOAP UI** and **Postman.**
* Good skill in **Test Management** and **Tracking**, **Test Execution**, **Test Report generation**, and Analysis using **HP ALM,** **Quality Center** and **JIRA.**
* Experienced in writing and executing **SQL queries** to perform Data Validation and Back end testing of databases to check the integrity of data.
* Experienced in the Fast-paced environments like **Agile** and **Scrum Methodologies.**
* Close interaction with designers and software developers to understand application functionality and performance issues.
* Excellent communication, problem-solving skills, coordination, documentation, project planning and interpersonal skills.

**Technical Skills:**

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| **Testing Tools** | Selenium WebDriver/RC/IDE/GRID, Soap UI, Postman, Cucumber, Appium, Protractor |
| **Languages** | HTML, CSS, Java, XML |
| **Test Framework** | Junit, TestNG. |
| **Project Methodologies** | Agile-Scrum, Waterfall, V-Model. |
| **Defect Tracking Tools** | HP ALM, Quality Center, Jira |
| **Build Tools** | Ant, Maven. |
| **Continuous Integration Tools** | Jenkins. |
| **Databases** | Oracle, SQL Server |
| **Operating Systems** | Windows variants, UNIX. |

**Professional Experience:**

**Client:** **MVP Healthcare, Rochester, NY. Feb 2020 – Till Date**

**Role: Test Automation Engineer**

**Responsibilities:**

* Worked with the Business Analysts to determine Business Requirements and set standards for performance Evaluation.
* Executed manual and automated test cases following the schedules and test plans to ensure defects identification and remediation prior to implementation into production.
* Involved in developing automation framework for **Selenium WebDriver** in **Page Object Framework** model.
* Developed test code for testing in **Java** using **Eclipse, Selenium WebDriver** and **TestNG** framework.
* Involved in design and implementation of **Selenium WebDriver** automation framework for **smoke** and **regression** test suites **(TestNG).**
* Used **TestNG** for testing framework. Implemented the script deployment in **TestNG.**
* Maintained and executed **Maven** build files for running automated tests. Used **Maven** to help manage project's build, report, and documentation across the network.
* Involved in creating automation test scripts using **Selenium, Cucumber built** on **Eclipse IDE**, used **Gherkin** languages to write features and scenarios.
* Responsible in deploying the code builds to testing server from **Jenkins.** Used Jenkins as a **Continuous Integration** server to configure with **GitHub.**
* Used **Appium** tool to be tested automation test scripts on both IOS and Android platforms for native and mobile websites on mobile devices.
* Involved in **End to End Testing** of application using **Protractor**.
* Created and executed test cases, develop scenarios to meet software requirement using **protractor** framework.
* Implemented Data Driven automation framework and enhanced test scripts for better reusability and repeatability using **MS Excel** and **XML** based input test data.
* Performed **GUI, Functional testing** by automated using Selenium. Used **Selenium WebDriver** for writing test scripts for regression test coverage.
* Worked on **Page Object Framework** and **MVC** for Automation test scripts. Integrated **Selenium WebDriver** with existing **API** to test framework.
* Involved in writing custom **X-path** Expression and **CSS** Selector to identify Web Elements.
* Performed web services testing with **PostMan** by validating request and response for **XML** files.
* Performed **REST API Testing** using Http java Test Client for **SOAP/REST web APIs**.
* Created and executed test sets, logged and maintained defects, acquired documentation of test results using **HP ALM.**
* Conducted backend testing using **SQL queries** to validate data for database and Used **SQL queries** for retrieving data from the database for executing user-specific test cases.
* Performed **Scrum (Agile)** methodology for testing the application.
* Participated in Stand-up meeting, walkthrough meeting, weekly automation meeting with all other QA, weekly assessment meetings with business analysts and developers.

**Environment:** Java, Selenium WebDriver, TestNG, Maven, Cucumber, Eclipse, XPath, CSS, XML, GitHub, Appium, Protractor, Postman, HP ALM, Jira, SQL, Agile and Windows.

**Client: Huntington National Bank, Cincinnati, OH. Jul 2018 – Jan 2020**

**Role: Automation Engineer (QA)**

**Responsibilities:**

* Involved in analyzing Business Requirement Documents and Technical Specification document and developed test plan and test cases for testing the application.
* Created functional automation scripts using Selenium and involved in creation of automation framework using **Selenium WebDriver** and testing.
* Wrote data driven cross browser automation test cases using **TestNG** framework.
* Developed Utilities functions for designing the Functional Library using **Selenium WebDriver** with **Java/TestNG.**
* Developed Test Framework in Selenium for UI Regression Test Automation and when necessary, and potentially execute Unit Test automation **(TestNG).**
* Executed automated test suites on multiple platforms using **Selenium Grid and Maven** Scripts for each deployment and presented results in **Excel.**
* Developed features and test scripts using **BDD (Behavior driven development)** in **Cucumber.** Implemented **Page Object Model** design Pattern into Cucumber framework.
* Configured and launched builds using **Jenkins** jobs and analyzed the Test Results from **Jenkins UI.**
* Involved in Mobile Testing by writing java for automation through **Selenium** **APPIUM.**
* Involved in writing automated scripts for Angular.JS application using **protractor** and Java.
* Performed various testing activities like GUI testing, functional testing, browser compatibility testing, regression testing.
* Involved in Smoke testing, sanity testing, Automation testing, Functional testing, Regression testing and Black Box Testing, White Box Testing and DB testing, REST API.
* Involved in Web services/data driven testing using **Postman.**
* Implementation of Web testing tools such as **Postman** to test the calls to the web services and check if correct data is returned.
* Analyzed test results, tracked the defects and generated reports using **Quality Center.**
* Written different kinds of **SQL queries** like creation, updates, inserts, deletion, joins etc., in to perform **Backend testing** of the application for validating the saved data that comes from Frontend.
* Worked in **Agile/Scrum** methodology performed agile testing to check the entire functionality of the application.
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole and leading offshore team.

**Environment:** Java, Selenium WebDriver, TestNG, Eclipse, Maven, Cucumber, Jenkins, Postman, Appium, Protractor, XPath, CSS, XML, Quality Center, SQL, Agile and Windows.

**Client: Voya Financial, Minneapolis, MN. Jan 2017 – Jun 2018**

**Role: QA Test Engineer**

**Responsibilities:**

* Analyzed functional requirements and documented the user specifications and business rules.
* Gather the relevant test data necessary for the test scripts, based on the Transactions, Test Conditions documents and updated in the property files.
* Identified test cases to automate. Automate those test cases using **Selenium WebDriver** and **Java (Eclipse IDE).** Contributed in framework creation.
* Used **Selenium WebDriver** to run the parallel testing.
* Involved in **Hybrid (Keyword & data) driven framework** design using **Selenium WebDriver**.
* Extensively used **Selenium IDE** to record, playback and debug individual test cases, using **Selenium WebDriver** provided more flexibility in automating test cases.
* Develop, maintain test automation framework using **Selenium** to test Web Application.
* Involved in System testing, Functional testing, Regression testing and Smoke testing.
* Participated in the System Test Plan reviews, Test Scenarios, Test Cases Review and modified the documents with respect to the review comments.
* Involved in testing of web applications and **Web Services** andxml data validationof business rules and business logic and used **SOAP UI** Used **XPath** and **DOM** to work with dynamic and static objects in **Selenium**.
* Created **SOAP UI** projects for testing the integration of **SOA** Broker with the Federated Security component on Windows and **UNIX** platforms.
* Performed bug tracking and reporting defects using **Quality Center** and communicated with the development team to prioritize the bugs and bug fixing.
* 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.
* Successfully Completed User Acceptance Testing (UAT) on each release of the project with the help of end user requirements.
* Closely involved with development team, maintenance team and business team regarding changing **requirements,** **builds and releases**.

**Environment:** Java, Selenium WebDriver, Eclipse, Soap UI, Eclipse, XPath, Quality Center, DOM, SQL, UNIX and Windows.

**Company: Q Burst Technologies, Pvt, Ltd., India. Nov 2015 – Dec 2016**

**Role: QA Manual Tester**

**Responsibilities:**

* Involved in preparation of test plans in accordance with the business requirements.
* Maintained and Updated test plans, test cases, test environment, and test ware through SDLC.
* Created process flows, diagrams, RTM matrix and test coverage strategies to help team members to better understand the various scenarios of testing.
* Involved in GUI, Functional, System Testing, Integration, Regression, Back-end and UAT Testing.
* Evaluated and reported results and tracked bugs using Quality Center.
* Tested the Reports developed in Actuate, Business Objects to ensure for the right data and calculations.
* Ensured to meet the project timelines and escalate the risk identified during the testing process.
* Design/implement automates test scripts and run them during integration.
* Developed and executed tests for Web services for Get, Post, Put and Delete response testing.
* Created web service request chain tests for orchestrated and complex choreographed SOA validation and UAT for quality measured approach for web service integration in enterprise.
* Involved in managing onsite & offshore project team - work direction, estimation, resource management and issue resolution.
* Tracked the testing progress by conducting walk through meetings with internal quality assurance and development teams.
* Communicated with support, business and development teams to resolve issues during test execution.

**Environment:** Manual Testing,SQL Server, My-SQL, Oracle, MS-Office, Window, UNIX.

**References:** Will be provided upon request.