**Drishti S**

(469) 379-8084

**QA Automation Engineer**

**PROFESSIONAL SUMMARY:**

* **5** years of experience in Software analysis, Software Quality Assurance Testing of **Web, Web Services, Client/Server applications** and **databases**.
* Experience in all stages of the **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC)** and worked on the Waterfall and **Agile** project environment.
* Experience in designing Test Cases, Test Scenarios, Test Scripts & Test reports.
* Using test automation tools such as **Selenium WebDriver, IDE, RC, Grid,** and **Quick Test pro(QTP).**
* Experience in **Behavior driven development (BDD)** using **Cucumber / Gherkin.**
* Hands-on experience in developing **Appium scripts** using Java for applications Used **Perfecto** mobile.
* Experience in end to end testing for **Angular JS** using **Protractor.**
* Involved in Functional, Integration, security, performance and Interoperability testing for the **SOA/Web service** based applications.
* Sound knowledge on **Junit, NUnit, TestNG** framework.
* Experience in doing performance testing of service using **JMeter.**
* Developed automated scripts and frameworks using **Java.**
* Working experience with defect tracking tools like **Jira .**
* Expertise in performing **Android Emulators** & **IOS Simulators** for Mobile Automation Testing using **Appium** for **Native, Hybrid and Web Based mobile applications**.
* Hands-on experience in writing **SQL Queries**, extract data from **MS-SQL Server.**
* Experience with source version control tools such as **Bitbucket.**
* Knowledge of Web Development technologies in general including HTML, JSON, CSS, JavaScript
* Extensive experience with Microsoft Office tools(MS-Word, Outlook, PowerPoint, Excel, Access).
* Developed and executed test cases for **XML and Restful services** using **SOAPUI tool.**
* Experience in **functional testing, Regression Testing, user acceptance testing(UAT), integration testing, system testing, performance testing, Stress and Load, White Box Testing, Black Box testing, Smoke testing, API Testing, Cross browser testing, compatibility testing & security testing**
* Good analytical and communication skills and ability to work independently with minimal supervision and performance as part of a team.
* Good experience with code coverage and code review tools such as SonarQube, Veracode.

**Technical Skills:**

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| **Test Approaches** | Waterfall, Agile/Scrum, SDLC, STLC, Bug life Cycle |
| **Testing Tools**  | Selenium WebDriver, QTP, JMeter, HP load Runner, SOAP, Postman, Protractor, Manual Testing, Appium (Android & iOS Testing) |
| **Frameworks** | Page Object Model, Keyword Driven, Data Driven, Hybrid Testing,TestNG, Junit |
| **Build & Integration tools** | Maven, Bamboo |
| **Programming Languages** | Java |
| **Browsers** | Firefox, Internet Explorer, Safari, Google Chrome |
| **Operating System** | Windows Variants |
| **Database tools** | MS-SQL Server, MySQL, DB2 and Oracle. |
| **Defect Tracking Tools** | Jira |
| **Scripting Languages** | JavaScript |
| **Markup Languages** | HTML, XML, JSON, JSP, CSS |
| **MS Office Tools** | MS Project, Outlook, Excel, PowerPoint, MS Access, Word |
| **Other Utilities**  | Eclipse, Notepad++, Microsoft Visual Studio, IntelliJ, SQL, Bitbucket Chrome Dev tools |
| **Types of testing** | Manual Testing, UI Testing, Integration Testing, Regression Testing, Black Box Testing, White Box Testing, Functional Testing, Performance, Stress and Load, Smoke, Sanity, API and Unit testing. |

**Professional Experience :**

**Client : Kroger, CA Mar 2023 – Present**

**Role: QA Automation Engineer**

**Description**: Kroger is a leading retail chain that operates supermarkets and multi-department stores across the United States. Worked on the Automation framework of Kroger IVR SOAP based web services developed by java, python and MYSQL DB.

**Responsibilities**:

* Conducting case / system / process study for project planning, scoping, estimation, tracking in Agile with Shift left experience.
* Experience in testing and developing framework and Automation scripts using Selenium CI/CD process.
* API script development and testing using POSTMAN.
* Performing the role of a Release manager by documenting and coordinating with different teams for end-to-end testing cycle involving in test planning, test strategy, test execution & test closure.
* Practicing Risk based testing for the emergency releases with Zero bug leakage to production.
* Have wide knowledge and be involved in end-to-end testing with UAT business users.
* Constantly involved in the process of increasing the test efficiency by monitoring the defect trend and implementing QA metrics in testing lifecycle.
* Worked on **Web Services testing** using **XML** and **Rest API**.
* On a daily basis used build tools like **Maven** (CD) and **Jenkins** (CI) to build and regress automated tests; documented and tracked defects.
* Verify and validate automation test scripts in the **DevOps** Pipeline in the testing phase by running sample tests either in **Jenkins** or **Bamboo**.
* Proactively evaluated the risks and provided impact analysis along with alternate solutions to mitigate risks to influence go / no go decisions.
* Leading & guiding the QA team both at Onsite and offshore.
* Performed SIT testing activities (as a part of manual testing) to evaluate and support Microservices by providing end-to-end application testing.
* Updating existing scripts using Selenium WebDriver as per the latest changes and for new features added.
* Test scripts were automated using **TestNG framework with Selenium WebDriver**for the application.
* Involved in **Regression Testing** using Selenium.
* Involved in **SOA architecture** which include Soap and Restful Web Services Testing.
* Cross browser testing across different browsers like **IE, Firefox** and **Google Chrome**.
* Documenting detailed test plans, test cases, test scripts and expected results in **HP Quality Center (ALM**) and tracing the test cases to the requirements.
* Raise any impediments in daily status call which affects the project deliverables. Track defects in chorus & update the defects status to the development team and follow the defect life cycle.
* Interaction with **Business teams, Dev Team to understand requirements & bug fixes**
* Perform **Root Cause Analysis** for the **defects identified in UAT and PROD**.
* Involved in **Maven configuration** for running servers and scripts after the build.
* Used **Jenkins** as a continuous integration (CI) server to run automated test suites in the **DevOps** pipeline.
* Experienced in load and performance testing tool **JMeter.**
* Analyzed & reviewed the software requirements, functional specifications, design documents.
* Participate and contribute to **SCRUM Ceremonies** (daily stand up, backlog refinement, retrospective).
* Analyze the User stories and prepare Test Scenarios and Test Cases.
* Involved in testing the application utilizing the **Scrum (Agile)** methodology.

**Environment: Java, Selenium WebDriver, TestNG, Maven, Jenkins, Bamboo, Bitbucket, JMeter, Postman, Quality Center, SQL, Windows.**

**Client: Accenture - India**  **Nov 2017 – Jun 2021**

**Role: Test Engineering Analyst**

**Description:** Demonstrated ability to understand end-to-end flows across applications and business processes, enabling effective troubleshooting of issues. Developed detailed test design and plan for new functionalities by analyzing complex user story requirements.

**Responsibilities:**

* Interacting with Peers and Developers to clarify the issues related to **Test Data**, **Test cases design Flow**, **Features,** and Functionality of application. Developing **test cases, test scenarios** and user flows for various platforms. Involved In Manual Testing to develop **test cases, test scripts** and **record bugs**
* Reporting services which cover Build information, **Test results** and **progress**, project management, **agile** reports bug with the help of **TFS** and Closely interacted with developers to **fix bugs.**
* Participated in Code Review, **QA** meetings, Project status meetings & Defect tracking meetings.
* Analyzed user change requirements & made necessary amendments to the test requirements.
* Prepared **Test Plan, test Cases, Test scripts** & **Test Metrics** for the application as well as for the database verification based on the functional requirements, portal redesigned & test specs.
* Extensively used **SQL** for backend testing. Conducted **Black Box Testing** for the Application.
* Created reports that included general overview, **open bugs**, **new bugs**, and **enhancement requests.** Entered new bugs and maintained the status of those bugs. Performed Backend Testing using **SQL** Queries on **SQL** Server database. Tested the whole program, specialized in several input applications.
* Performed **Back-End Testing**, database table manipulations of relational database systems by writing complex **SQL** queries manually. Traceability document update and Test management tool (Quality Center).
* Created Regression Document to track and report testing activities during each phase of testing, including testing results, test case coverage, required resources, logged defects and their status, performance baselines. Test execution and Defect management.
* Evaluated and implemented **QA** process improvements for ongoing testing.

**Environment: Selenium Grid, Manual Testing, Quality Center, HTML, JavaScript, SOAP, Test NG, SQL, Oracle, windows, Selenium WebDriver, SOAP UI, Maven, TestNG, XPath, CSS Selectors, Eclipse, HTML, Firepath, Firebug, CSS, Quality Center, MS- Office (Excel, Word), Agile Scrum.**

**Client: EdgeIt Pvt Ltd - India**   **Jan 2017 - Oct 2017**

**Role: Jr QA Analyst**

**Description:** The project is a web-based application which is used by the company to check complaints lodged by the customers. The customers raise different service requests, complaints, etc. which are tracked and solved by the agents. Customer issues can range from address change requests to fund transfers.

**Responsibilities:**

* Analyzed and documented business requirements specifications, wrote Test Plans, Test Cases.
* Worked with the development team to understand technical design and architecture for test planning.
* Regression test cases were written and automated using **Selenium** RC and **Selenium** IDE.
* Created the whole test framework using **Selenium** for further test creation and execution.
* Prepared required documentation for testing signoff by various parties as required by the project plans. Prepared traceability matrix to ensure the adequate coverage of the test cases.
* Participated in weekly assessment meetings with business analysts and developers.
* Updated Test Plans and Test Cases periodically to manage changes in requirements.
* Tracked the requirements and test cases to ensure complete test coverage in the Quality Center.
* Debugged the test scripts, verified the test results and reported the defects using Quality Center.
* Actively participated in status reporting and interacted with development to discuss the technical issues. Worked with source version control tools such as **Subversion** (SVN) &**Git**.
* Interacted closely with developers regarding defects, participated in tracking, and resolving bugs.
* Connected to database to Query the database using **SQL** for data verification and validation.
* Performed back end testing on **Oracle** database by writing **SQL** queries.

**Environment**: **Selenium IDE, Selenium RC, Quality Center, HTML, JavaScript, XML, Apache-Subversion (SVN), Git, Internet Explorer, Chrome, Mozilla Firefox, Windows**