**Sarvin Towhid**

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**Software Test Engineer**

Seeking a **Software Quality Assurance/Testing** position where I can apply my skills and expertise by joining a progressive and dynamic organization that has reputation for excellence; where I can thrive and play an important role utilizing my Skills, Experience, Knowledge and Ideas for the growth and success of the organization.

**Experience Summary:**

* **Software Development Engineer in Test** (**SDET**) with **6+ years** of Experience in both **Manual** and **Automation Testing** of Web-based applications developed in **Java Programming Language**
* Perform Functional, Non-Functional, System, Regression Testing on applications using both Manual and manual testing methods.
* Created **Test Scenarios, Test Cases** with detailed steps, **Staged Data** and **Validated** in different environments.
* **Logged Defects** with detailed Steps to reproduce and supporting information in Jira, HP ALM
* Specialized in **Test Automation** with the ability to design, develop and maintain Test Automation

Frameworks using **Selenium WebDriver, TestNG** using **Java Programming Language**

* Strong knowledge of **Core Java, String Manipulation, Object Oriented Programming (OOP) in**

**Java**, **Data Structures**, **Exception Handling** concepts and various design patterns in **Java**

* Working knowledge of Hypertext Markup Language (**HTML**) in reading and developing scripts and

Finding web elements with various approach

* Efficient in finding Web elements like **ID, Name, Link Text, Partial Link Text, XPath, Tag Name, Class Name, CSS Selector** etc.
* Proficient in using Developers Tool, **Fire Path, Firebug** for finding elements locator and generated absolute and relative **XPaths** and **CSS**
* Experienced in performing **Cross browser testing** using **TestNG, Selenium Grid**
* Experienced in API backend testing using Postman Tool
* Good experience in writing and executing **SQL Queries** to perform **Backend Testing**
* Worked on testing applications on different browsers like **IE, Edge, Firefox** and **Chrome**
* Experience in using **Git** and **GitHub** to control version of the software and keep data up to date during development
* Experience in **Software Development Life Cycle (SDLC)** methodologies like **Agile** and **Waterfall** models
* Solid understanding of **Software Testing Life Cycle (STLC)**
* Highly **motivated self-starter, adaptable**, **attentive to details** , quick and eager to learn **new tools** ,

**techniques, methods** , and **concepts** with excellent **communication** and **interpersonal skills**

* Highly **analytical** in developing the methods and measures to meet **requirements** and solve any

issues that arise during the project, and open to **share knowledge** and **experience**

* **Team player** and can work under pressure

**Tools and Methods:**

**Testing Methods:** Smoke Testing, Functional Testing, Frontend Testing, Backend Testing, Regression Testing, Sanity Testing, End-to-End Testing

**Testing Tools/Libraries:** Selenium WebDriver, Selenium Grid, TestNG

**Defect Tracking Tools:** Jira, Jira Zephyr, HP ALM

**Languages/Frameworks:** Java, SQL, HTML, XML, Hybrid

**Databases:** Oracle, MySQL

**Version Control Tools:** Git, GitHub

**Operating Systems/IDE:** Windows, Eclipse, IntelliJ

**Methodologies:** Agile

 **Specture (Atlanta, GA) April 2020 – Present**

 ***Role: Test Automation Engineer***

* Created and executed **Test Scenarios**, **Test Cases** and **Test Scripts** using **JIRA Zephyr** in accordance with **Business Requirements** and **Functional Specifications** for various aspects of the Application
* Performed **Manual** and **Automated** testing in different types of browsers and versions, such **as Internet Explorer, Edge, Firefox, Google Chrome** to simulate production environment
* Worked with implementation of **Selenium Automation Framework** using **Selenium WebDriver**
* Identified user interface elements using various locators like **ID, Name, Class, Tag Name Link Text,**

**Partial Link Text, XPath** and **CSS locators**

* Automated the Test Scripts using **Selenium WebDriver** and **JAVA** in **Eclipse**
* Used **Selenium Library** for reading and validating the data
* Performed **Backend Testing** using **SQL queries** to validate data integrity in database tables
* Used **JIRA** for bug tracking, issue tracking and project management
* Worked closely with the development team to identify and resolve any application-related problems, discussed solutions and tested those solutions after implementations and coordinate with analysts
* Actively participated in **Agile Scrum** ceremonies such as **Sprint Grooming,** **Sprint Planning,** **Sprint Retrospective,** **Daily Stand-Up** and **Review** sessions

**Environment:** Agile Scrum, Automation, Java, HTML, SQL, Selenium WebDriver, Jira, Page Object Model.

 **Regions (Birmingham, Al) May 2018– March 2020**

 ***Role: Software Engineer***

* Actively participated in product design reviews to provide input on **functional requirements**, product designs, schedules, or potential problems
* Involved in gathering and analyzing the product requirements and developed clear **Test Plans** and **Test Cases as a QA role**
* Reviewed and analyzed **User Requirements** , participated in **Verification, Validation** and acceptance testing for developed software
* Designed efficient manual **Test Cases** based on the analysis of business requirements, functional specifications, technical design documents
* Designed and developed Test Cases and corresponding documentation using **MS Office, Jira**
* Configured and automated **Functional Test Cases** using **Selenium WebDriver** , **TestNG, Java**
* Tested applications compatibility on different browsers **IE, Firefox, Chrome, Safari**
* Conducted **Smoke**, **Functional** , **Regression, End to End, Ad hoc Testing**
* Experienced with **Defect Reporting** , **Tracking** and **Resolution** capabilities
* Tracked and reported software defects and interacted with developers to resolve technical issues via **Jira**
* Took an active part in all **Sprint Ceremonies** such as **Daily Stand-up, Sprint Planning, Sprint Demo** and **Sprint Retro Meetings**

**Environment:** Agile/Waterfall, Eclipse, Java, HTML, Selenium WebDriver, Jira, TestNG, Hybrid and Page Object Model Framework.

 **Acrinet (Denver, CO) May 2016 – April 2018**

 ***Role: QA Tester***

* Reviewed **Business Requirements** and **Functional Specifications** of the project
* Analyzed requirements, **functional specification** & required documents for **Manual Testing**
* Reviewed project specs and worked closely with BA and Development team for creating Test Cases
* Prepared and **Executed Test Cases** as per **System Requirements** for **Supplier module**
* Participated in peer review with team and developers to review test cases
* Reviewed and updated Requirements **Traceability Matrix** (RTM) that satisfy all required projects test conditions
* Linked requirements to tests & defects as well as analyzed and tracked defects in **ALM**
* Performed **Black box/Functional** testing, **Regression** testing on **Application under Test**
* Involved in **re-testing** the test cases and closing the defect
* Participated in **daily, weekly meetings** and technical **reviews**

**Environment:** Agile Scrum, Windows 10, MS Office, ALM

**Education / Certification/Training:**

* **Bachelor’s in Computer Science and Engineering- Queens University**