**Seiar Ahmad Shirzad**

Software Test Automation Engineer

[seiar.shirzad@gmail.com](mailto:seiar.shirzad@gmail.com)

+1 (631) 640-3061

Falls Church, VA 22041  
Work Status: U.S. Green Card Holder

* 8+ years of experience in the Software Quality Assurance in Manual and Automation Testing of Web applications with extensive testing and automation experience in different domains such as e-commerce, banking, healthcare, financials, government and more.
* Performed **BDD** (Behaviour Driven Development) using Cucumber Features, Scenarios and Step Definitions in **Gherkins** format.
* Expertise in various aspects of the Software Development Lifecycle including Requirement Analysis, Test Planning, Test Execution, and Maintenance.
* Hands on experience with Cucumber, **TestNG**, **POM** framework and extracted data from external files using Apache POI and loaded into the variables in the scripted code.
* Plan, write, and execute automated tests using automation scripts with Java and Selenium.
* Practical knowledge of Object-Oriented Programming Concepts (**OOPs**) and Core Java.
* Experience in automating test cases using TestNG, Cucumber, **GIT** version control & **Maven**.
* Actively involved in **QA** planning, testing and familiarity with **Agile/Scrum/Sprint** environment.
* Created and tested queries in the database to conduct data integrity testing and end to end testing.
* Proficient in the creation and execution of test plans, defect tracking, and requirement coverage.
* Expertise in various types of testing like Smoke testing, Integration testing, Regression testing, System testing, Black-box testing, GUI testing and **UAT** testing.
* Interacted with Project Managers, Business Analysts, and developers in reviews and solving problems encountered in the application.
* Writing optimized **XPath** and **CSS** to locate various web elements - static and dynamic objects.
* Managed and used defect management tool - **JIRA** for bug tracking and closures.
* Experienced with **Jenkins** as Continuous **Integration** server, Schedule jobs to run at regular intervals.
* Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high pressure.

**TECHNICAL SKILLS**

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| Testing Tools | Selenium IDE/WebDriver, SOAP UI tool |
| Languages | JAVA, XML, SQL |
| IDE | Eclipse, SQL Developer |
| Test Framework | Junit, TestNG, Data Driven Framework, Cucumber |
| Web Debugging Tool | XPath, Fire path, Firebug |
| Build Tool | Maven |
| Processes | Agile-Scrum, Waterfall |
| Bug Tracking Tools | JIRA, Rally, HP ALM |
| Data Bases | MS Access, Oracle, MySQL |
| Operating Systems | Windows (XP, Vista & 7, 8) |

# **Work Experience**

**Sr. Automation Engineer**

BB&T Bank - Bristow VA September 2017 – Present

* Analysed System specification documents (**SSD**), Business requirement documents (**BRD**) to identify test requirements. Performed agile testing, review the stories and participated in Daily Scrum, Iteration Planning and Release Planning meeting and used Jira Tool.
* Maintained Requirement Traceability Matrix (**RTM**) to make sure that test plans were written for all the requirements and performed gap analysis.
* Hands-on Experience on **Selenium** WebDriver and creating Scripts in **Selenium** WebDriver using **Java**.
* Experience in full Software Development Life Cycle (**SDLC**), in-depth knowledge of contemporary QA/test principles, methodologies.
* Generated Selenium test reports using Extent Reports and Logs for quality assurance.
* Developed automated test cases using Selenium WebDriver and used Java frameworks to develop the manual test scripts and executed them using **Cucumber** framework.
* Logging defects, tracking and working with developers to drive them to closure using **JIRA**.
* Used Maven to help manage project's build, report and documentation across the network.
* Participated actively in continuous integration of the automation framework using **Jenkins**.
* Monitoring and analysing the testing process, and making recommendations for improvements.
* Developed and maintained reusable test scripts to ensure complete requirement test coverage.
* Performed backend testing by writing and executing **SQL** queries to validate that data is being populated in appropriate tables and manually verify the correctness of the data with front-end values.
* Performed **Smoke**, System testing, system **Integration** Testing, User acceptance, Database & Regression testing.
* Support/Co-ordinate test automation through planning, analysing, designing andexecuting test cases utilizing a variety frameworks/tools (TestNG, Selenium WebDriver, Maven)
* Contributed in developing Automation **Framework** that uses **Java,** **Selenium** Web Driver and **TestNG.**
* Experience in working with Oracle Database, **SQL** as well as **PG Admin** **PostgreSQL**. Participated in peer review with team and developers to review test cases/test scripts.
* Involved in Test documentation, such as Test Cases, Bug Reports, Use Cases etc using Jira.
* Used **Jenkins** as a Continuous Integration server to configure with **GitHub** and **Maven**.

Environment:

* **Selenium WebDriver, Apache POI, REST, Postman, MS Office, Windows 8 and 10, SQL, Maven, Jira, Cucumber, Gherkins, Eclipse IDE, PG Admin, PostgreSQL.**

**Automation Engineer**

West Corporation - Chicago IL January 2015 – August 2017

* Worked in a dynamic **agile** scrum environment and worked side by side with developers’ team.
* Developed, executed and maintained test automation scripts using **Selenium WebDriver**.
* Designed behaviour driven framework for selenium automation using **WebDriver**, Java and Cucumber.
* Perform **Functional** testing, **Smoke** testing and **Regression** testing and actively participated in daily scrum meetings and involved in bi-weekly Sprint releases.
* Reviewed and analysed business requirements and technical specifications to come up with Testing Scope and Level of Efforts (LOE).
* Performed System, **Integration, Smoke, Sanity, Functional, End to End, Positive and Negative** testing and monitored the behaviour of the applications during different phases of testing using testing methodologies.
* Performed parameterization of the automated test scripts in Selenium to check how the application performs against multiple sets of data.
* Participated in all phases of Software Development Life Cycle (**SDLC**) and Software Testing Life Cycle **(STLC)**.
* Performed various testing activities - functional testing and cross-browser compatibility testing.
* Updated test plan and documented defects in **defect** tracking **JIRA**.
* Used **Jenkins** as a continuous integration tool to schedule and run the automated test scripts.
* Designed and develop automated test scripts to increase testing efficiency and reliability.
* Performed **Data Driven testing** using Selenium WebDriver and **TestNG** functions which reads data from property and **XML** files and other external sources.
* Developed and maintained automated test scripts in Java using Cucumber Framework.
* Worked closely with business team, designers and software developers to understand application functionality and navigational workflow.
* Performed Backend Testing, database table manipulations of relational database systems by writing complex SQL queries.

Environment:

**Java, Selenium WebDriver, Cucumber, Gherkins**, **POM**, **Maven, Jenkins, Web Services, REST, Oracle Database, Eclipse IDE, HTML, XML, Windows, Virtual Machine, Xpath, Firebug, Fire path.**

**QA Manual Tester**

Amtex Auto Insurance - Houston, TX February 2013 – December 2014

* Interact with the Business Analysts for requirement analysis, test case reviews.
* Created and executed manual test cases and logged defects.
* Performed manual testing of database, user interface (**UI**), and mobile applications.
* Defect verification, bug reproduction to ensure a good quality product and defect closures.
* Following up with the development team for open defects and reporting status to Test Lead.
* Regression testing to ensure the defect has been addressed in the application to close the defects.
* Participated in weekly **QA** status and project status meetings to report any defects and issues encountered in application.
* Actively communicated with the end users and business users to create realistic test cases.
* Participated in **Agile Scrum** methodology and attend Daily **Scrum**, **Sprint** Grooming, and Sprint Planning and **Sprint** Review meetings.
* Generating test reports and graphs through the completion of testing and verification.
* Conduct **QA** reviews and inspections to find potential **defects** and recommend corrective action.
* Involved in the design and development of test plan from business and Functional requirements which includes test objectives, test strategies, **test environments** etc.
* Wrote Structure Query Language (**SQL**) queries to check proper data population in application table and for data verification to perform Backend Testing against Oracle Database.
* Provide test summary documentation and analyse test results, identifying trends and/or root causes of analysis.
* Involved in the regression test planning for the project and identified the critical regression tests.
* Analysed the Business Requirements and worked closely work with the Business Team to get the clarifications.
* Reporting and sharing data disposition to team leads and communicating with different departments.
* Provided weekly status updates showing the progress of the Manual testing effort and open issues to be resolved.
* Prepared meeting notes on daily execution/highlight of the project and send out the reports to managements.
* Environment**: Manual Testing**, **Agile** Methodology, **Oracle**, **JIRA**, **SQL** server, Windows **XP,** 7 and 8, **HP** Quality Centre**, ALM**

**Education**

Bachelor’s In Management Studies (BMS) Indian School of Business and Management