**Amar Islam**

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**CITIZENSHIP AND CLEARANCE**

US Citizen

Active Secret Clearance DOHS

Interim Secret Clearance DOD

**TECHNICAL SKILLS**

**Operating System:** Windows 7, 8, 10

**Languages:** C/C++, Java, J2EE, XML, HTML, DHTML, UNIX Shell Scripting, T-SQL, SQL and PL/SQL

**RDBMS:** Oracle, MS Access, MS-SQL Server

**Scripting Languages:** VB Script, JavaScript, Perl

**Testing Tools:** UFT/QTP, ALM, Quality Center, Jira, Selenium Webdriver, Cucumber, RSpec, RubyMine

**Application Servers:** Web logic, WebSphere, JBOSS, Tomcat and IIS

**PROFESSIONAL SUMMARY**

* 6+ years’ experience as a QA Analyst, Automated and Manual Tester, 508 Compliance and UAT Tester
* Expert in developing test script using Selenium Webdriver and Selenium IDE
* Experienced in Java for writing automated test script using Selenium WebDriver
* Used TestNG and Junit for creating automated test script from scratch
* Experience in Ruby, Programming Languages
* Experience in Selenium/Java and Cucumber/Ruby automation tools
* First-rated understanding of QTP and UFT
* Expertise in writing SQL queries to perform back end testing
* Ability to help develop and implement "industry leading" QA processes and procedures
* Experience in Test Planning, Test Design and Test Execution
* Good understanding of Test measurement Techniques and Metrics Collection
* Ability to manage Defect Severities and Priorities
* Experience in Defect management and defect resolution process
* Experience in User Acceptance Testing (UAT)
* Expert experience in Defect Management using Quality Center ALM, Jira
* Extensively experienced in writing Test automation strategy and Test Plans
* Experienced in authoring Test plans, Test cases, Bug tracking charts and Graphs in support of performance of several types of application testing, such as system, functional, unit, integration and acceptance
* Good working experience working as QA Test Lead, Scram Master and managing testing task in onshore offshore model
* Experienced in writing and interpreting reports, reporting testing status, creating defect and code coverage metrics, and assessing risk
* Experienced with change management, release packaging and deployment concepts
* Run daily scrums, release planning, sprint planning, retrospectives, reviews and client demos
* Understanding of Behavior Driven Development (BDD) and Gherkin
* Quick learner with an ability to understand new concepts, technologies and product functionality

**PROFESSIONAL EXPERIENCE**

**Computer Technologies Consultants, Inc.**

**Supported DHIS2 Project McLean, VA**

**Automation Test Engineer May 2017 – April 2018**

* Modified and upgraded manual scripts in close collaboration with team lead, Business Analysts and Developers to gather upgraded requirements in order to formulate the test plan and test cases as per current version of the application.
* Automating regression testing using Selenium WebDriver.
* Set up test automation environment using Eclipse editing platform configured with Cucumber, Selenium, Maven Apache POI libraries and Selenium tools from scratch and configured various other peripherals tools to perform Selenium test.
* Created BDD script using cucumber to test the behavior of the application.
* Created feature, step definition, page object model, page factory and test runner file from scratch using Java code to run behavior driven testing.
* Developed Test Base Class to hold all reusable methods, used Properties Files to hold data
* Hands on experienced in finding object location using Xpath, css selector used Fire Bug and Fire Path to create stable test script
* Used Gherkin annotations to organize the code.
* Implemented cross browser and cross platform web testing with Selenium WebDriver.
* Identified the defects through Selenium and ensured that business processes deliver the expected results and remain reliable throughout the production release
* Perform automation test execution using JUnit and TestNG as a test runner with Selenium.
* Generated test report using Junit, TestNG and Serenity BDD with BDD tool Cucumber-JVM- Java implementation for Cucumber using high level language Gherkin.
* Integrating Eclipse with GitHub to integrate synchronized workflow within team.
* Daily updates committed to GitHub Branch from Eclipse Package Explorer, commence push, pull and merge files among branch and master, resolve conflicts in feature files and code files.
* Creating, Managing, updating issues, reporting bugs, from backlog to complete using GitHub and ZenHub Dashboard.
* Updated, participated daily scrum meeting, release planning, sprint planning, retrospectives, reviews and client demos

**American Institute for Research Washington, D.C.**

**QA Analyst September 2013 – 30th April, 2017**

* Involved in all phases of QA Life cycle, including Test Design, Development, and Implementation of the entire QA process
* Developed test plans, Test cases, tested resource requirements and overall scheduling of testing activity
* Worked in JavaScript for automated business procedures through server-side JavaScript
* Worked in a highly dynamic Agile environment and conducted scrum and sprint meetings
* Ran daily scrums, release planning, sprint planning, retrospectives, reviews and client demos
* Set up Selenium tools from scratch and configured various other peripheral tools to perform Selenium tests
* Configured Cucumber from scratch; installed gems, and projected required support ruby files
* Used Ruby MINE to Create Scenarios and Step Definitions for the story cards using Selenium/ Web driver, Ruby on Rails and RubyGems
* Implemented cross browser and cross platform web testing with Selenium WebDriver
* Used Junit and Testing, testing framework as a test runner with Selenium
* Used Selenium to expand test scenarios to catch more bugs and improve quality
* Designed and developed automated scripts and Manual Testing for Functional, Regression, Sanity and Integration Testing using Selenium
* Developed the test scripts and analyzed the results in various stages of the application including Integration, Regression, Functional and Acceptance testing using Selenium WebDriver
* Identified the defects through Selenium and ensured that business processes deliver the expected results and remain reliable throughout the production release
* Used Firebug Tool to identify the Object's id, Name, XPath, link in the application
* Use UFT to run automation and regression scripts
* Reviewed web pages for 508 compliance, both manually and using programs such as JAWS
* Developed 508 compliant Word templates for documents frequently posted to the web site, and reviewed PowerPoint and other documents for compliance to Section 508.
* Used Jira, Defect Tracking, and Reporting extensively for enhanced Regression Tests.

**USA TODAY McLean, VA QA Analyst January 2011 – August 2013**

* Formulated plan by outlining steps required to test solutions and submitted plan to user for approval
* Developed test plans, tested resource requirements and overall scheduling of testing activity
* Developed automated tests for test cases and integrated automations into test suites
* Performed Automation Testing by Using Selenium WebDriver
* Developed manual test cases, test scripts, test data and test scenarios
* Expert in performing Data Driven Testing to validate the components displayed on the website using Selenium
* Experienced in providing the efficient locators strategy like XPath and CSS to run WebDriver script in stable condition.
* Cross-Browser Testing was performed on different versions of IE and chrome.
* Work in Agile-Scrum, software development methodology for aiding changing business requirements.
* Actively work with the sprint team for grooming user stories, and analyze the system impact from the business requirement, and work with the development team for possible solution.
* Led effort to implement new QA team and apply best practices and procedures.
* Generated project reports using HP Quality Center ALM and log defect.
* Tested Backend Database using SQL queries.
* Prepared Daily Functional Test Summary and Daily Regression test Execution Reports.

**DOL Washington, DC**

**QA Analyst September 2008 – December 2010**

* Worked closely with Business Analysts and Developers to gather requirements in order to formulate the test plan
* Performed Black Box Testing of the application to better understand the functionality of the application
* Prepared Test cases according to the requirement
* Involved in various Web Scripts for the Application using Selenium Webdriver
* Perform Cross Browser Compatibility testing using FirefoxDriver, ChromeDriver, Internet Explorer Driver etc.
* Used Fire Bug and Fire Path to identify object, Xpath, CSS Selector, ID, Name locators are used to identify objects
* Developed Test Base Class to hold all reusable methods, Used Properties Files to hold data
* Tracked and reported on software defects, enhancement requests, and release statuses
* Involved in Execution of test cases from Quality Center
* Enhanced the QTP scripts with Checkpoints, Synchronizations, Parameterized the scripts for data-driven testing
* Involved in writing Test scripts, reusable actions and functions in Test Script Language using QTP for automated testing
* Created and managed deployment pipeline including deployment procedures and release notes
* Participated in quality audits across the various IT functions to ensure quality standards, procedures, and methodologies are being followed

**EDUCATION**

**Master of Commerce (Management), University of Dhaka**

**Bachelor of Commerce (B.Com.), University of Delhi, Delhi**

**Scrum Master Certification**

**Scrum Product owner Certification**