

Carrier Objective

- ISTQB Certified Tester offering over 5 years of experience in testing desktop, n-tier client-server enterprise business software as manual and automation tester, ensuring high quality and performance.

Professional Summary

- Solid understanding in analysis/ development of requirements, specifications, developing/ testing process (SDLC and STLC) in Waterfall and Agile model.
- Apt in automation feasibility analysis, preparing Automation Plan, driving estimation plan, implement QA methodologies, development, execution and maintenance of manual/ auto test cases/ scripts.
- Designed and implemented different automation frameworks from scratch, use of Page Object Model concept in Selenium, Protractor and RestAssured.
- Skilled in Java, TypeScript, JavaScript, GroovyScript, Appium, TestNG, Jasmine, Cucumber, Postman, SoapUI, RESTAssured, Swagger, JMeter, BlazeMeter, BadBoy, Maven Build Management, GIT-HUB Version/Source Control Management(SCM), Jenkins CI/CD Server, VSCode & Eclipse IDE.
- Expert in Linear, Modular, Keyword, Data Driven and Hybrid automation frameworks, AOMScripting, VBScripting and Descriptive Programming (Static/Dynamic) for UFT/QC.
- Conducted non/Functional, Black Box, Smoke, Sanity, Adhoc, Exploratory, GUI, Front End, Regression, Integration, End-to-End, System, Back End, Database, WebServices, RESTful API, Performance, Cross Browser, Cross Platform, Compatibility testing.
- Proficient in writing complex SQL Queries and SQLScripting for ETL and Database testing.
- Experienced with Test/ Build/ Issue/ Defect Management tools like ALM /QC, JIRA, TestLink etc.
- Experienced in Analysis/ Reporting of test Results/ Progress in Excel, Extent Report, HtmlReporter and attending Sprint, Scrum and Triage-meetings.
- Excellent written & verbal communication & presentation skills, strong logic & problem solving skills, adaptability, quick learning and implementation skills.
- Strong interpersonal skills, able to work independently and as effective team player with strong multi-tasking ability and demonstrated high contribution, guidance and leadership.

Work Experience

► The Mortgage Market Canada, Toronto- Test Automation Engineer. Date: Oct 2018 to Present

Project: Management/ CRM/ BackOffice software development/ modification projects for the operations in the finance/ mortgage/ bank market of Canada/ GTA/ Toronto were undertaken.

- Determine test strategies based on requirements, develop and execute test scenarios and test cases/ scripts for manual and automation testing using UFT/ Selenium/ Protractor.
- Perform Regression, Cross Browser, Functional testing in Java, TestNG, and JavaScript, Jasmine.
- Conduct Back End, End to End testing on SOAP and RESTful APIs using Postman, SoapUI, RESTAssured with TestNG TDD Framework.
- Develop AOM/XML Scripts for better control on batches, groups, types and parallel execution of tests in UFT and Selenium and configure/ maintain dependencies using POM.XML, Package.json.
- Create complex SQL queries for testing Oracle, MySQL database.
- Log defects and consolidated reporting to stakeholders.

Tools & Tech: UFT, Selenium WebDriver, Protractor, TestNG, Jasmine, Postman, SoapUI, RESTAssured, Java, JavaScript, VBScript, GroovyScript, AOM/XML Script, Xml, Json, SQL.

► The Paragon Inc, Toronto- Test Automation Engineer. Date: Nov 2017 to May 2018

Project: Different software development/ maintenance projects were undertaken. Upgrading/ UI modification of Management /CRM software had been accomplished.

- Qualify test cases for automation and create, debug, execute and maintain testing scripts using UFT/ TestNG Data Driven frameworks .
- Performed Functional, Regression and E2E testing on legacy Building Link software using UFT.

- Developed/ Prioritized/ Grouped test automation scripts using UFT and Selenium WebDriver to be used for Functional, Regression, Smoke/ Sanity testing within Hybrid and TestNG frameworks.
- Executed Cross browser and Compatibility testing using Selenium Grid.
- Created complex SQL queries for testing Oracle, SQL Server database.
- Log defects and reporting of test results to the Agile team/ Stakeholder.

Tools & Tech: UFT, Selenium WebDriver, TestNG, Java, VBScript, SQL, SQLScripting.

► Kohinoor Group Ltd, Dhaka- Senior QA Engineer.

Date: Mar 2016 to Jul 2017.

Project: The projects were for developing/ converting/ transforming the automation of the HR, Accounts, Salary/ Payroll systems of manufacturing entities in textiles, chemicals and food industries.

- Participated and involved in the peer reviews, walk-through on the test case and preliminary test approach, which contained high-level test conditions for verifying the software solution.
- Qualify test cases for automation and create, debug, execute and maintain test cases/ scripts using TestNG/ Jasmine/ UFT Data Driven Frameworks & configured dependencies using POM.XML.
- Discussed algorithm implementation with developers and developed parallel verification test scripts.
- Performed Functional, Regression and E2E testing on legacy/one tier software using UFT.
- Automated and executed test cases implementing Page Object Model in Protractor for End to End Testing of AngularJS apps within Cucumber BDD framework in TypeScript and Gherkin.
- Extensive Back End, End to End testing of RESTful API and SOAP web services using Postman, SoapUI, RESTAssured within the TDD framework.
- Created complex SQL queries for testing Structure, non/Function in Oracle, MySQL and SQL Server.
- Developed AOM/XML scripts for parallel execution, better control on batches, groups and types of tests in UFT and Selenium.
- Logged defects identified during testing phase and reported to the development team with proper priority and severity in JIRA.

Tools & Tech: Protractor, Selenium, Jasmine, TestNG, Cucumber, Java, TypeScript, JavaScript, VBScript, Gherkin, UFT, SoapUI, Postman, RESTAssured, GroovyScript, SQLScript, Oracle, MySQL, SQL Server, JIRA.

► Auko Tex Ltd, Dhaka- Senior QA Analyst (A/Lead).

Date: Mar 2015 to Feb 2016

Project: A new automation project launched to computerize the manual time keeping, attendance sheet of 2700 employees, Payroll and HR system of 100% export oriented garments manufacturing facilities which had mostly European buyers.

- Participated in Sprint, Triage meetings to discuss/ analyze goals, backlogs, severity of the found defects and communicated testing status to the Scrum Team, Project Manager and BA.
- Developed Test Plan, which included test strategies and test environment by analyzing Business Requirements(BR) and System Requirements Document(SR).
- Developed/ grouped test automation scripts using UFT and Selenium WebDriver to be used for functional and regression testing within Hybrid and TestNG framework,
- Parameterized scripts with multiplesets of test data from Excel Sheet using UFT/ Selenium and used Keyword Driven and Hybrid Framework.
- GitHub Repository Build and schedule automation test execution in Jenkins and reporting results.
- Overcome challenges using Object Identification Configuration, XPath, Css and effectively used Object Repositories and Java-Selenium Page Object Model.
- Prepared Traceability Matrix to match the requirements with test cases and test results using Application Lifecycle Management (ALM).
- Reviewed status of defects, including those found in production, to improve effectiveness of existing sets of test scripts.
- Provided status updates to management using test planning and test execution status reports in ALM, Excel, HTML, TestNG and also arranged defect-triage meetings.
- Built relationship effectively with team members and business partners to ensure all aspects of the application had proper testing coverage, overall system reliability, performance and quality.
- Assisted in training users on new enhancements and prepared documents for knowledge transfer.

Tools & Tech: UFT, ALM, Selenium WebDriver, TestNG, Java, VBScript, SQL, Oracle, Git, Jenkins.

► Opex Group Ltd, Dhaka- Test Automation Engineer.

Date: Mar 2013 to Jan 2015

Project: Banking system software integration/ development for smooth operation via Network in addition to Procurement, Supply Chain, Group Accounting, HR and Payroll integration.

- Participated daily scrum/ stand-up meeting to communicate progress, daily plan & impediments.
- Determined test strategies based on requirements, developed and executed test scenarios and test cases/ scripts for manual and automation testing.
- Designed, created and modified test cases/ scripts for Integration, Functional and Regression testing.
- Executed Cross browser and compatibility testing using Selenium Grid/ TestNG.
- Experienced with microservices concept to build, deploy and maintain the software.
- Conducted Back End, End to End testing of mobile apps in Appium and APIs in Postman & SoapUI.
- Used Jenkin as Continuous Integration and Git as Distributed Version Control system.
- Conducted Integration, System, Back End, E2E and Performance testing on modules/ system.
- Wrote complex SQL queries for ETL(OLAP) and Database (OLTP) testing.
- Performance testing using JMeter, BlazeMeter, BadBoy and automated Interface testing.
- Logged all the defects identified during testing phase and reported to development team with proper priority and severity using JIRA.

Tools & Tech: QTP, VBScript, WebDriver, TestNG, Java, Maven, Appium, Postman, SoapUI, SQL, SQLScripting, JMeter, BlazeMeter, JIRA, Git, Jenkins.

► Government of Bangladesh, Dhaka- IT Coordinator

Date: May 2011 to Feb 2013

Projects via Spine Tech: Number of software projects of different services and directorates were undertaken simultaneously, such as Resale to officer, Inventory and purchase, Access Control System, Branch automation, HR system, Recruitment system, Payroll system; Disaster Recovery Project etc.

- Analyzed, identified, and documented issues related to software and/ or hardware in nature and worked alongside developers, engineers, and scientists to resolve those.
- Collaborated with a team of developers, testers, product designers and stakeholders within both Waterfall and Agile development methods.
- Analyzed, reviewed & verified requirements, specifications & design documents, created/ executed test cases & validation plans, recommended software changes to improve quality and ease of use.
- Updated, maintained and executed use cases and test plans for existing features and user interfaces in different products facing users of organization and public.
- Identified routinely-executed tests, use cases that were good candidates for test automation.
- Worked on Integration, System, Performance testing and UAT.
- Executed End to End, Functional and Regression testing using QTP/ Selenium IDE/WD.
- Worked on test data for interpreting the negative/ positive test results and reporting.
- Conducted Back end and Front-end testing to ensure data consistency bySQL queries.
- Logged defects in QC and worked with developers for bug resolution and managed defects/ issues through formal defect management life cycle using JIRA/QC.
- Helped internal and external customers in resolving issues related to software products.
- Created/ updated user manuals, SOPs, related documents& participated in test closure activities.

Tools & Tech: QTP, QC, VBScript, Selenium IDE/WebDriver, Java, JIRA, SQL.

Education – Training & Certification

- Blue Prism-RPA Training from Blue Prism Certified Trainer, Toronto, Canada.
- ISTQB Certified Tester- From CSTB/ISTQB, Toronto, Canada.
- Master of Business Administration- University of Dhaka, Bangladesh.
- Diploma in Computer Science and Engineering- Aptouch Polytechnic Institute, Bangladesh.
- Networking&ISPSetup,Redhat Linux 9.0-Blooming Bud Information Technology(BBIT), Bangladesh.
- Advanced Computer Course- Signal Training Centre and School, Bangladesh.
- Basic Computer Course- Signal Training Centre and School, Bangladesh.