Shaminder Singh

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**Profile**

A result-oriented ****Quality Assurance Automation**** professional with 6+years of experience in all phases of Software Testing Life Cycle including Test Planning, Test Execution, and Defect Management within an Agile and Waterfall environment.

**Summary**

* ****Quality Assurance Engineer**** with experience in variety of domains including ****Investment Banking**** , ****Finance and Insurance,**** performingboth Manual and Automated testing with tools such as ****Selenium WebDriver / Grid, TestNG, Maven, Jenkins and JIRA.****
* Thorough knowledge and experience of all testing phases and various methodologies of ****Software Development Life Cycle (SDLC)**** including ****Waterfall and Agile.****
* Hands on experience in Developing Automation Scripts, Execution and Analyzing Test Results using ****Hybrid, Keyword Driven, Data Driven & Page Object Model**** frameworks with ****Selenium**** to maintain test suite.
* Extensive experience in various type of testing including ****Exploratory,**** Functional,System,*****Performance**********Testing******, GUI,* Black Box ,Regression (automation and manual), Smoke/Sanity, End to End, ****Cross Browse****r,and ****UAT testing**** .
* Strong ****SQL**** skills with experience in writing complex SQL queries, functions and stored procedures for ****Backend**** as well as ****End-to-End testing****
* Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment

**Skills**

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| * ****Test Management Tools****: Jira and Confluence * ****Languages:**** Core-Java and SQL * ****Test Automation****: Selenium, TestNG, Rest Assured, and Cucumber * ****Build Tools****: Maven * ****Continuous Integration Tool****: Jenkins | * ****Software Process Technologies****: Agile, SDLC and STLC * ****Version Control****: Git and GitHub * ****Databases****: SQL Server, Oracle MySQL * ****Operation Systems****: Windows, Unix, Linux |

**Experience**

QA Automation Engineer Jul 2018 to Current

CIBC － Toronto, ON

****Project: Investor Edge Application****

**CIBC Investor's Edge is a division of CIBC Investor Services Inc., a full-service investment dealer that offers advisory accounts and trading services for a variety of securities including mutual funds, fixed income, equities, new issues and deposit products.**

****Responsibilities:****

* Extensively involved in the **test planning**, test preparation, along with participation in **Sprint planning**, Review Sessions & **Scrum Meetings**, analyzed user stories.
* Designed test case based on user stories, identified test cases for automation and manual testing as per business need and complexity level.
* Provided test estimations for the manual and automation stories to be worked on in the sprint.
* Used **Page Object Model** for designed **Hybrid, TDD**(Test Driven Development), **BDD**(Behavior Driven Development) framework as per the need of the project, and run them via **Jenkins Pipeline**.
* **Used Log4j** for logging activities.
* Used java **JDBC** connection to perform data-driven testing with the help of **TestNG**.
* Used **Apache POI** to read data from Excel Files and perform data-driven testing.
* Employed **TestNG** grouping functionality to separate smoke, sanity, and regression test cases.
* Used **Sikuli** to perform upload and download files operation of the test script.
* Conducted Cross-browser testing with the help of **Selenium Grid**.
* Incorporated **Extent report** or Allure report in the testing framework that makes a presentable user interface that can be shared with all stakeholders.
* Used **Git and Github** as version-control system for tracking changes in source code during software development.
* Performed manual API testing using Postman and automated API testing through Rest assured based upon the **BDD framework using Cucumber**.
* Follow agile scrum methodology as part of SDLC.

QA Engineer Mar 2016 to Jun 2018

H&R Block － Toronto, ON

****Project:****

**H&R Block provides its customers with tax-return preparation services and electronic filling. I was involved in a team where my responsibility was to automate test efforts for QA projects such as planning, developing, maintaining, and executing automated test scripts. Project uses Angular.js and HTML5 for web applications, SQL server as database, and Bootstrap and CSS3 for styling.**

****Responsibilities:****

* Involved in writing and updating Test cases to identify and keep track of all problems occurred while accessing the Web pages.
* Manual and Automation test case development and execution for system testing using JIRA as test management tool.
* Designing Hybrid, Data-Driven, **TDD**(Test Driven Development) frameworks based upon POM(Page Object Model) for Selenium Automation using **Selenium WebDriver**, TestNG, and Junit.
* Prepared and executed scenarios for the Regression Testing on a new build.
* Used Id, Name, Links, XPath and CSS to work with dynamic and static elements in application.
* Performed Functional, Integration, Smoke, Sanity and Regression testing on new builds as well as on every change request implemented in the application, using Selenium.
* Extensively used **JIRA** for managing test cases, reporting bugs and tracking issues.
* Wrote **SQL** queries for validating the data mapping and data integrity.
* Actively involved in ****SCRUM**** and sprint meetings, provided weekly status report to the Project Manager and discussed issues related to quality and deadlines.
* Executed Selenium test scripts on different browsers to check the compatibility
* Create, log, track, and close defects throughout the software testing process.
* Maintained documents to keep a track of recurring defects and the required solutions along with detailed comments from business and developers.
* Actively participated in walk-through, inspection, review and user group meetings for quality assurance with BA's, SME's and Developers.

QA Tester Aug 2014 to Feb 2016

Manulife Insurance Group － Waterloo, ON

****Project:****

**Involved in testing of a web-based application, developed for Manulife Insurance Group (MIG). The web application allows field agents to enter prospective customers' data and provides the amount of premium required, cash value and benefit amount for the years in consideration. The application has different modules for Auto and Property Insurance. Registered members with MIG can also get details of their Auto Insurance, Property Insurance, LTC insurance, change in major underwriting system like Workers Compensation System (WCS), National Union System (NUS), and Universal Policy System (UPS).**

****Responsibilities:****

* Involved in preparation of the Test plan based on **BRD** and performed verification & validation to ensure Quality through **RTM** (Requirement Traceability Matrix).
* Involved in status reporting, project meetings and project planning with the team to define appropriate test cases that will cover end to end business requirements of the application.
* Reviewed and analyzed business requirements and technical specifications to come up with Testing Scope.
* Linked Requirements to test & defects as well as analyzed and tested defects in **Quality Center** (QC).
* Performed **API** testing using **Postman**.
* Developed and executed **SQL queries** to check the correct addition, cancellation and updates into the tables.
* Performing regression testing, maintaining test logs and producing test metrics based on test results.
* Doing the feasibility study and analysis of the test scenarios and selecting test cases to be automated.
* Tracking defects in **JIRA** until they get resolved and are retested successfully.
* Participate in daily stand up calls to provide status about the ongoing activities and ensure that there are no outstanding blockers.

**Education**

Bachelor of Technology Jun 2014

National Institute of Technology － Jalandhar , India

**Certifications**

****Developing Web Applications Using PHP****

Issued By: NIIT Technologies Limited

Credential ID : 20ACZZZZZ7169

****Object Oriented Programming Using C++****

Issued By: NIIT Technologies Limited

Credential ID : 20ACZZZZZ7444

**Accomplishment**

• ****RnR Award**** (Quarterly award for Recognition) for Best Debutant. **2017**

• ****Insta Award**** (Quarterly award for Appreciation) for ramp up in project deliverables.**2015**