**Mohammad Habibuzzaman**

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**Summary:**

* Over TEN years in the Quality Assurance and Automation Testing experience with deep understanding and experience of Software Development Life Cycle (**SDLC**).
* Identified and documented software **defects** during testing phases.
* Worked in an **agile** development environment, following Scrum methodology for project management.
* Expert in Analysis and Review of Functional Requirements and configuration Documents.
* Experience design, develop, writing and maintaining Test Cases, Test Scripts for both Functional and Automation testing.
* Configured and maintained network services, such as DNS and DHCP, on **Unix** systems.
* Experience in Bug Tracking System, and process using **JIRA**.
* Perform Smoke Testing, Integration, System, End-to-End, **Regression**, Backend, and Cross Browser testing using Sauce Labs and Browser stack.
* Extensive experience in Automation to develop code with **Java**, Selenium, testing and hands on experience on BDD.
* Expert in building test automation framework using **Selenium** WebDriver, TestNG, BDD with **Cucumber**.
* Expert to develop the Automation framework from scratch and enhance existing framework as per clients need.
* Performed **Mobile** app testing for Android, IOS devices using Appium and XCode.
* Used Maven as build tool and **Jenkins** for contentious integration.
* Used Source control, build and deployment tools **Git**, TFS, Bitbucket and GitHub.
* Used Gherkins Syntax to test the behaviors of the Application using **Cucumber**.
* Developed **API** Testing Framework to test REST APIs (Get, Post, Patch & Put) using Rest Assured, also manually tested then in Postman and Swagger. Experience in SOAP.
* Excellent in writing complex **SQL** queries to access data from multiple tables using joins to perform Database testing in Oracle and SQL server platform.
* Collaborated with cross-functional **teams** to define and prioritize QA testing objectives and goals.
* Worked closely with product owners and stakeholders to understand mobile app requirements and user stories.
* Integrated Jenkins with version control systems like **Git** or SVN for seamless source code management.
* Provided regular status updates to project managers and stakeholders regarding defect resolution progress.

**Technical Skill:**

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| **Software Testing Tools:** | Selenium WebDriver, TestNG, JUnit, Apache POI, Gherkin, Cucumber, Rest API , Rest Assured, Postman, HP-Quality Center, ALM, JIRA, Zephyr, XCode, Appium, Protractor |
| **Databases:** | Oracle 10g/11g, Microsoft SQL Server, MS Access |
| **Languages:** | **JAVA**, JavaScript, C#, HTML, XML, SQL, VBScript, Gherkins |
| **Development Tools:** | Eclipse, NetBeans, Visual Studio, Oracle SQL Developer, TOAD, Maven, Git, Jenkins |
| **Operating Systems**: | MS-DOS, Windows, Mac OS, Mobile (iOS &Android) Linux (Red Hat, Ubuntu) |

**Professional Experiences:**

**TurboTax, NY** June 2019 - Present

SDET

**Responsibilities:**

* Project is in **agile** environment, participated actively Agile Scrum development process attending Sprint Planning, Daily Scrum, Sprint Review and Retrospective meeting.
* Implemented backup and recovery strategies for **Unix**-based systems.
* Configured and maintained **Jenkins** CI/CD pipelines for automated build and deployment processes.
* Participated in the analysis and design phase of the **SDLC** to identify system functionalities and architecture.
* Created Test Plans and Test Scripts as per business requirements an functional Specifications.
* Developed Test Automation Framework using Cucumber and **Selenium** WebDriver for Functional, **Regression** and Smoke testing.
* Conducted **mobile** app testing to ensure functionality, usability, and performance on iOS and Android platforms.
* Conducted cross browser testing on Browser Stack for different platforms.
* Developed Cucumber (BDD) Feature files using Gherkins and automate them using **Selenium** WebDriver with **Java**.
* Wrote **SQL** queries to access information from numerous tables.
* Performed manual testing by executing test cases for all modules before creating automated scripts to validate the test procedure.
* Maintain Code versions through **Git**, used REST **APIs** AWS SDK for **API** Testing.
* Bug Reporting and Tracking through **JIRA**.
* Worked closely with the developers to resolve **Defects**, issues and understanding the functionality.

**Aetna, CT** September 2017 – May 2019

QA Automation Engineer

**Responsibilities:**

* Reviewed requirements and created test cases for both manual and automation Testing.
* Developed and executed test plans and test cases at different stages of the **SDLC**.
* Managed and administered **Unix**/Linux servers in a production environment.
* Integrated code repositories with **Jenkins** to trigger builds upon code changes.
* Collaborated with development **teams** to identify and report **mobile** app defects using bug tracking tools.
* Extensively involved in **defect** life cycle management from opening to closure using **JIRA.**
* Implemented **agile** testing practices, including test-driven development (TDD) and behavior-driven development (BDD).
* Created and maintained **Git** repositories for software projects.
* Conducted **regression** testing to ensure that software changes did not introduce new **defects**.
* Build, modify and enhance the **Automation framework.**
* Developed automated scripts using **java** in **Selenium** Web Driver with Maven & **Cucumber**.
* Expert in dynamic object handling with complex **Xpath** methods to identify object and managed them from **Page Factory.**
* Performed **End-to-End** testing considering all interfaces and subsystem for functional and non-functional testing.
* Developed and executed complex **SQL** queries to create and modify test data.
* Developed API Testing Framework to test **Rest APIs (Get, Post, Patch & Put**) using Rest Assured and manually tested in **Postman**.

**Verizon, NJ** December 2012 – August 2017

SQA Analyst

**Responsibilities:**

* Design Test Plan for different releases that covers Functional Testing, Integration Testing, **Regression** Testing etc.
* Conducted thorough system testing to ensure software quality and adherence to **SDLC** standards.
* Analyze Product Requirement and write test cases based on the user stories.
* Update Test Cases according to the changes of BRD in Confluence.
* Collaborated with development **teams** to troubleshoot and resolve build failures in **Jenkins**.
* Utilized **Git** for version control and source code management.
* Provide test estimation effort for each sprint.
* Implemented **mobile** app automation testing using tools like Appium or Espresso for efficient test execution.
* Conducted performance tuning and optimization on **Unix** servers for improved system efficiency.
* Implemented **Cucumber** framework for automated acceptance testing of web applications.
* Log **Defects** using **Jira** and retest the Defects and close them in Jira.
* Used Rest **API** automation scripts using **Java** & Rest Assured.
* Engaged in cross-functional collaboration to promote a cohesive and self-organizing **agile** team.
* Optimized and maintained existing, developed new automation framework via **Selenium**.
* Used TestNG testing Framework as a test runner with **Selenium**.
* Developed complex **SQL** queries to validate data in databases for Oracle and SQL Server.
* Worked closely and independently with various **teams** including development and management.

**Education:**

Masters Degree

**Status in USA:**

US Citizen

**References:**

Available upon request