**HASINA**

SUMMARY:

**Around 7 Years** of relevant IT experience in Manual, Automation, Web Service, Database and Scripting testing in various industries including financial, healthcare, SRM and government solutions industries. Excellent understanding of SDLC (Software Development Life Cycle), STLC (Software Testing Life Cycle) and Defect Life Cycle

Core competencies

* Experience in developing **Test Plans**, **Test Strategy**, **Test scenarios** and **Test cases** from Business, Technical and Functional requirements. Worked on **Smoke**, **Functional**, **Integration**, **System**, **Regression**, **Performance**, **Compatibility**, **Usability**, **Installation**, **Reliability**, **Exploratory**, **Migration, Database, IVR (DMTF and Interactive Voice Response)** testing using **Waterfall** and **Agile** (Scrum) methodologies
* Designed different automation frameworks from scratch like **Page Objects framework**, **Keyword Driven framework**, **Data Driven framework** and **Hybrid framework**
* Expertise in Selenium automation using **Selenium WebDriver, Selenium IDE**, **JAVA**, **JUnit** & **TestNG**
* Expertise in writing **Selenium WebDriver** automation scripts in JAVA for highly transactional Telecom based Order Management Application and using different browsers/environments
* Maintained the Selenium & JAVA automation code and resources in source controls like CVS, SVN over the time for improvements and new features
* Worked on **Mobile-Based(IOS & Android)** using **Perfecto simulator**, Web Based, Client Server and Standalone (Desktop) applications.
* Experienced on **TestNG and Maven build tools to manage framework dependency jar files**.
* Experienced in customizing **Selenium API to suit in Testing Environment**.
* Experienced in **designing and developing automated scripts for Functional and Integration Testing using Selenium**.
* Experienced in performing **Data Driven Testing to validate the components displayed on the website using Selenium.**
* Experienced in developing **Automated Regression Testing using Selenium**.
* Hands on experience in Develop Automation Scripts, Execution and Analysis Test Results using **Hybrid, Keyword Driven Framework and Data Driven Framework** in **Selenium**.
* Experienced in using **Apache POI** to read data from external sources to feed locators into the test script.
* Experienced in developing **Automation Frameworks using Selenium.** Experienced in providing the efficient locators strategy like **Xpath and CSS to run WebDriver script in stable condition.**
* Good experience of Defect/Test Management tools like **HP ALM**/**HP Quality Centre**, **CA Rally**, **Microsoft Test Manager**, **JIRA**
* Proven ability in **Windows/UNIX Commands**, Scripts and testing on Windows/UNIX platforms, expertise in writing SQL Queries, Web Services/API testing using **SOAP UI Pro**
* Knowledge of build integration tool like **Jenkins**
* Proven ability in Working individually and as a part of cross functional and geographically separated team.
* Excellent analytical, debugging, problem-solving and root-cause analysis skills.
* Excellent written and verbal communication skills with outstanding attention to detail

TECHNICAL SKILLS:

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| --- | --- |
| Languages | VB Script, PL/SQL, JavaScript, Shell Scripting, Java, C#, .Net |
| Tools and Methodologies | QTP, SeleniumWebDriver, SOAPUI Pro, Putty, WinSCP , Notepad++, Edit plus, Textpad, Jmeter, Test Complete, Microsoft Dynamics CRM ,Avaya Soft phone,  CTI, Microsoft Dynamics AX, Loadrunner, Junit, TestNG |
| Databases | Microsoft SQL Server 2005/2008, Oracle, Sybase |
| Test Case Management | HP Quality Center, HP ALM, Test director 8.0, Microsoft Test Manager |
| OS | Linux (Ubuntu) , Windows |
| Defect Tracking Tools | JIRA, Bugzilla, Mantis, Request Tracker, Visual Studio Team System 2008,  HP Quality Center,CA Agile Centre,Rally |

**PROFESSIONA EXPERIENCE:**

**CSC, Alexenderia, VA 08/2014 - Present**

**The Department of State’s (DoS) Bureau of Population**

**QA Test Analyst**

* Translate user and/or system requirements into functional testing strategies and test conditions
* Interact with business owners, SMEs, and management team to gather and analyze Business Requirement Document, Use Case, and Technical requirements and/or Functional Specifications.
* Work closely with development and product management teams to establish test strategies, test cases, execute tests, and provide feedback to both developers and end users.
* Identify and facilitate issue resolution with functional and technical groups.
* Develop comprehensive system test plan.
* Test 508 compliance for disable people using Jaws and Wave.
* Build test scenarios and test cases to determine the system meets all approved requirements.
* Perform functional testing on the application for testing validity of functionality in different versions of the application.
* Collaborates with project team members or customers to evaluate or diagnose problems and recommend possible solutions.
* Work closely with the testing and development team on daily basis to maintain the frequent builds that are being pushed on stage and make sure each builds are being tested accurately.
* Involved in preparation of the test data required for executing test cases.
* Identify, confirm, report and manage defects through resolution using HP ALM.
* Design and developed UAT test scenarios and test cases based on business requirements, technical specifications, and use cases.
* **Set up Selenium tools from scratch and configured various other peripherals tools to performed Selenium test.**
* Interacted with developers and business Users to communicate the defects and actively participated in replicating the bugs and performed **regression testing using HP ALM**.
* Experience in automation testing with tools such as Selenium **Web Driver, TestNG,**
* **Maven** and preparation of **Automation Test framework**.
* Automated test cases using the selenium **WebDriver and TestNG** to cover all the quality risks identified as needing extensive or balanced testing.
* Extensively use **Selenium (Data-Driven, XPath locator) and WebDriver** to test the web application.
* Developed new and updated existing Automation test cases using **Selenium WebDriver**.
* Involved in designing and implementing of hybrid automation framework to be used with **Selenium WebDriver**.
* Used Selenium WebDriver for automating of **Cross Browser Testing on IE, Firefox, Safari and Chrome**.
* Used Selenium tool **(selenium IDE is a plug-in to Firefox)** to record and playback tests and then export the recorded test in other language e.g. **html, Java**.
* Designed and documented test plans, use cases, scenarios and requirements using **Quality Center**.
* Developed comprehensive **Test Cases/Test Procedures using Requirement Document and Use Cases.**
* Implemented end to end automation for existing **Selenium framework** using build systems, scripts and continuous integration system etc.
* Coordinate UAT testing activities with the testing team, development team and the stakeholders.
* Report tracked defects with reference to severity and types using JIRA.
* Develop and execute SQL query for backend/ database testing.
* Involved in Performance testing, Regression testing, System testing and User Acceptance Testing.
* Facilitate defect review meetings involving stakeholders to review defects, identify severity and set priorities as per client requirements, and ensuring accuracy.
* Establish and maintain traceability matrix until all the business requirements are signed off.
* Develop automation scripts in Java using Selenium Web Driver.
* Prepare project related presentations and provide progress reports to the higher management and stakeholders using MS Office.

Environment: SQL Developer, Selenium, HP ALM, JAWS, WAVE, JIRA, MS Project, MS Office.

**Unisys, Reston, VA 03/2012- 08/2014**

**U.S. Department of Education (ED)**

**Software Test Engineer**

* Involved in Planning, scheduling, executing, and reporting tests to validate functionality of new features.
* Participate in test plan and test case reviews, maintain testing issues lists and follow up as necessary.
* Participated in project sprint planning, execution, testing and releases on Scrum methodology.
* Build test scenarios and test cases to determine the system meets all approved requirements.
* Performed System Testing, Integration Testing, Functional and Regression Testing, and Security Testing.
* Design, developed, and executed Test Automation Scripts using Selenium.
* Performed Back-end testing to ensure that the user data was updated in database using SQL
* Data Manipulation Language (DML) and Data Definition Language (DDL).
* Extensively developed Data Driven Tests and user defined functions in Selenium.
* Worked closely with the Systems team, Business Analyst, Developers and UI team to resolve the requirement issues, deployment issues, and change management issues.
* Responsible for reporting of risks, impediments, sprint and release progress.
* Coordinate with end-users to schedule and support User Acceptance Testing (UAT).
* Interfaced with developers in resolving the defects investigated in the application during testing.
* Created Traceability Matrix to ensure that all the requirements are covered by the test cases.
* Manually tested data from High level to detail level during verifications.
* Create and execute SQL queries to fetch data from Oracle database to validate the user interface (UI).
* Used JIRA for bug tracking and reporting, also followed up with development team to verify bug fixes and update bug status.

Environment: J2EE, Quality Center,Selenium, JIRA, Microsoft Office, UNIX, ORACLE.

**Merrill Lynch, Alexandria, VA 05/2011- 03/2012**

**QA Test Engineer**

* Involved in executing and verifying of Test Cases and Procedure.
* Review User and System Requirement Specification and developed Test Plan and Test Cases and Procedures.
* Manually performed Back-End testing by writing SQL queries.
* Assist in writing user stories, develop test cases and identify acceptance criteria for user stories.
* Performed execution of test cases manually to verify the expected results.
* Performed Regression Testing, GUI Testing, Functionality Testing, Database testing, Performance testing etc.
* Prepared Requirements Traceability Matrix (RTM).
* Developed Test condition & Test Data to execute the test scripts.
* Tracked defects and facilitated defect review meetings with team leads.
* Regularly interacted with Developers, Business Analyst and Users.
* Created the Regression Test Cases and automated them for the purpose of regression testing.
* Developed and maintained automated test scripts to support regression testing.
* Involved in end-to-end system testing.
* Participated in defect review meetings with the team members and monitored defect status.
* Wrote SQL queries to test Data Integrity and performed Database Testing for the application.
* Managed the testing process, logged and tracked defects using Quality Center.

Environment: XML, Quality Center, Oracle, SQL Server, UNIX, Windows XP

**British American Tobacco Company Limited, Dhaka, Bangladesh 05/2009- 05/2011**

**Financial Analyst / QA**

* Ensured the payment on time and accurate payments of private payments, foreign payment, overseas &advance settlement and reclaiming of VAT. SRM, SAP and Electronic Banking Software.
* Smoothly arranged all logistics support for Finance department like Departmental meetings, Audit Committee, Risk Management Committee, Regional Audit, workshops, LOS and other programs as per expectation
* Worked closely with project manager, stakeholders and business analyst to define: test scope, gap analysis, risk analysis, and test dependency.
* Involved in preparation of the test data required for executing test cases.
* Designed and developed test scenarios and test cases based on business requirements, technical specifications, and use cases.
* Worked closely with the stakeholders to analyze complex business processes and business requirements.

Environment: SAP, SRM, SVN, UNIX, JIRA, Quality Center, Oracle, SQL