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 QA Automation / Manual

**Summary**

* **6**+ **years** of extensive experience in Analysing, Designing and Implementation of **QA testing strategy** for Web based and Client/Server applications using Manual testing and Automation testing on **Windows, UNIX** and **LINUX** platforms.
* Good in **Software Quality Assurance Techniques** and Software Development Life Cycle **(SDLC)**, Defect lifecycle management and different methodologies like **Waterfall**, **Agile** and **Scrum**.
* Experience in analysing business specification documents, designing and developing **Test Plans, writing, executing and automating Test Cases**.
* Professional experience in QA automation tools **Selenium RC/ Web Driver/IDE/Grid using test scripts Java, Test Frameworks using Junit / TestNG/ ANT/ MAVEN/ JENKINS** build tools.
* Experienced with**various types of testing** like GUI testing, Web testing, Regression testing, User Acceptance Testing, Functional Testing, System Testing, Integration Testing, End to End Testing, Unit Testing, Black Box Testing, Manual Testing, UAT testing, Regression Testing, Performance Testing, Documentation and Reporting.
* Hands on experience in test driven development (**TDD**), Behaviour driven development (**BDD**) and acceptance test driven development (**ATDD**) approaches.
* Experience in developing a framework using **Hybrid** model**.**
* Professional in Testing using HP interactive tools like - **ALM, ALQMC, HP Quality Center** and **Test Director**.
* Experienced in automation based on **WebDriver** and **TestNG** framework with Java programming language.
* Worked with source control utilities including **GitHub** and Stash, bug and defect tracking using tools like **Bugzilla**, **JIRA**.
* Strong Working knowledge of **SQL, PL/SQL, Oracle, UNIX** and **MS - Office Suite** (Word, Excel, PowerPoint, Access).
* Extensively worked on Dimensional modeling, Data cleansing and Data Staging of operational sources using **ETL** processes.
* Experience with source version control tools such as Team Foundation Version Control (**TFS**), Subversion (**SVN**) & **GitHub**.
* Extensively worked on data warehousing and decision support systems with relational databases such as **Oracle** design and database development using **SQL, PL/SQL, SQL PLUS** and **TOAD.**
* Expertise in SQL database testing involving **SQL Queries, joins** to pull data from database.
* Experience in Manual testing and automated testing using different tools like **QTP**, **Selenium** (Web Driver)
* Expertise in working with **Selenium IDE and Selenium WebDriver** using **TestNG**.
* Excellent analytical, problem solving, communication and interpersonal skills, with ability to interact with individuals at all levels.
* Configure and manage web apps deployments in **Azure** cloud. A cloud enthusiast.
* Set up CI/CD pipelines for microservices on AWS using App service.
* Experience in Building **Microsoft.Net/C# automation** Scripts by using **Selenium, MS Visual Studio**, **MSTest,NUNIT, Spec flow, Coded UI, Azure** and good expertise in using **Annotations**

**Skills**

SDLC, Agile, Waterfall, Scrum, Selenium (Web Driver, IDE), Junit, TestNG, ANT, MAVEN, JENKINS, Regression testing, ALM, ALQMC, HP Quality Centre, QTP, Test Director, Azure WebDriver, GitHub, Bugzilla, JIRA, SQL, C,C#, PL/SQL, MS - Office Suite, TFS, SVN, TOAD, Windows, UNIX, LINUX

**Education**

**MBA in Information Technology**

University of the Potomac, VA

**Experience**

**Levio consulting (Client: AAA Insurance) Oct 2019 – July 2020**

**QA Automation Engineer(Phoenix, AZ)**

**Roles & Responsibilities:**

* Involved and participated in agile methodology daily huddles, grooming, planning, review and retrospective meetings.
* Design, Develop and Execution of Test Plan, Test Scenarios, Test Cases, Test Scripts and Test Steps.
* Provided test effort estimates (Test case preparation, functional, regression, **UAT** and **smoke testing**.
* Involved in verification and validation of multiple projects.
* Performed **smoke, functional, regression, integration**, Build acceptance, performance testing.
* Conducted internal and external reviews as well as formal walkthroughs, and participated in status meetings.
* Involved in **API** and database testing.
* Provided **QA** progress/test status to higher management (execution progress, defect management, risk escalation etc.).
* Managed all aspects of the QA project life cycle, and worked with team members to oversee all phases of project completion using agile methodology
* Used Java for automation, selenium and maven dependencies to fulfil framework requirements.
* Performed Data driven testing using **Selenium WebDriver** and **Junit**functions which reads data properly from **XML files**.
* Reported software defects in **Quality Center** and interacted with the developers to resolve technical issues.
* Creating **traceability** relationship between requirements in the same module and also between different modules.
* Extensive experience in **source control with GitHub**
* Defined dependencies and plugins in Maven pom.xml for various activities and integrated **Maven with GIT to manage** and deploy project related tags.
* Involving in formulating the test plan, procedures and Wrote test cases.

**Huntington, NJ Aug 2017 – Jan 2019**

**QA Automation / Manual Tester**

**Roles & Responsibilities:**

* Analysis of Business and Requirement Specifications. Designing Test Lab and formulation of Test Strategy, Test Plans Performed functional testing to identify various critical points in the application and automated it by using **Selenium WebDriver**.
* Involved in implementation of Test Automation Framework build using **Selenium WebDriver**, Cucumber,protractor to handle **TestNG** and **Maven** technologies under **Java** platform utilizing industry leading harness design patterns and approaches.
* Developed Test Frameworks in **Selenium** for **UI** Regression Test Automation and when necessary, and potentially execute Unit Test Automation (**Java /TestNG**).
* Configured **Selenium WebDriver, TestNG, Maven** tool and created Selenium automation scripts in java using **Junit** prior to **agile** release.
* Performed white box testing using **TestNG** for class, method, & Web Services testing.
* Have built a test automation framework based on Page Object Model, **TestNG** and **Selenium Web driver**.
* Tested compatibility of application for dynamic and static content under various cross browsers using **HTML** IDs and XPATH in **Selenium**.
* Tested the various Service Oriented Architectures (**SOA**) spanning across various web services using **SOAP** and **WSDL** across various applications using **SOAP UI**.
* Reported software defects in **ALM** and interacted with the developers to resolve technical issues.
* Prepared the data to cover various scenarios and wrote **SQL scripts** to verify the database updates, inserts and deletion of the records.
* Creating test scripts using **C# and Selenium Web Driver** for the functional test cases.
* Used **C#** as a programming language and Visual Studios as IDE for automating the Test Suite with Selenium WebDriver.
* Setting **GitLab** repository and Runner for build automation
* Creation of **gitlab-ci.yml** file for kicking build process in stages that run in docker container
* Expertise on Selenium test automation using **Selenium WebDriver**, **Selenium Grid**, **TestNG**, **Cucumber**, **Maven**, **GitHub**, **Jenkins**, **Sause Lab** and **JDBC**

**Lamda, India Jan 2015 – Aug 2016**

**QA Automation / Manual Engineer**

**Roles & Responsibilities:**

* Performing the role of **QA Test Automation Engineer** in a fast-paced **agile team.**
* Assessed and analysed user stories and participated in **Sprint planning, Review Sessions & Scrum Meetings** and **developed Test scenarios, Test cases, Test data, Test procedures, Test reports**.
* Analysis of Business and Requirement Specifications. Designing Test Lab and formulation of Test Strategy, Test Plans. creating test frameworks using**Selenium WebDriver, Selenium,**hands on experience.
* Optimized **Quick Test Professional (QTP)** scripts for Regression testing of the application with various data sources and data types.
* Proficient in **Cross Browser testing** of applications on Google Chrome, Internet explorer, Safari and Firefox browsers and **Cross Platform testing** on Windows, iOS Android.
* Performed**UI, Functional and Regression**testing by automated using **Selenium, TestNG, Maven,**and **Jenkins.t**
* Performed Data driven testing using **Selenium WebDriver** and **Junit**functions which reads data properly from **XML files**.
* Reported software defects in **Quality Center** and interacted with the developers to resolve technical issues.
* Used **SVN** tool for Source code management and also used **Selenium Grid** for parallel, Batch Test Execution.
* Developed test suite for all the Web service operations in the **SOAP** **UI** test tool.
* Creating **traceability** relationship between requirements in the same module and also between different modules.
* Involving in formulating the test plan, procedures and Wrote test cases.
* Defined dependencies and plugins in Maven pom.xml for various activities and integrated **Maven with GIT to manage** and deploy project related tags.
* Extensive experience in **source control with GitHub**
* Created Test Strategy for Enterprise Data Warehouse in **ETL** framework, including Business Intelligence.

**Vivma, India May 2012 – Dec 2014**

**QA Automation / Manual Engineer**

**Roles & Responsibilities:**

* Involved and participated in agile methodology daily huddles, grooming, planning, review and retrospective meetings.
* Design, Develop and Execution of Test Plan, Test Scenarios, Test Cases, Test Scripts and Test Steps.
* Developed test cases using **TFS** (Team Foundation Server).
* Analysed the requirements and identify the features and functions to be tested and automate using **Selenium** where possible.
* Provided test effort estimates (Test case preparation, functional, regression, **UAT** and **smoke testing**.
* Involved in verification and validation of multiple projects.
* Design & execution of test cases to validate the **ETL** process which includes reports.
* Performed **smoke, functional, regression, integration**, Build acceptance, performance testing.
* Conducted internal and external reviews as well as formal walkthroughs, and participated in status meetings.
* Involved in **API** and database testing.  Coordinated **UAT** with Business team.
* Worked on complex testing environments (UI and Non-UI).
* Provided **QA** progress/test status to higher management (execution progress, defect management, risk escalation etc.).
* Managed all aspects of the QA project life cycle, and worked with team members to oversee all phases of project completion using agile methodology.
* Wrote automation script in **C#**using different **.Net**Libraries for Selenium and Lean FT.
* Contributed in developing Automation Framework that uses **C#,** **Selenium Web Driver**and **JUnit.** Performed **Data driven testing**using **Selenium Web Driver,** **JUnit**functions and **JDBC**Connections.
* Develop automation for the designated manual test cases using either **VB**or**C#** scripting.