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**PROFESSIONAL SUMMARY**

Around 9+ years of experience in Software Quality Assurance Testing of Web, Windows, Web Services, Client/Server applications, Manual testing and Automation testing using Selenium, QTP, SOAP UI, Java, Appium and VBScript.

* Experienced in Analyzing, Designing and Implementation of QA testing for **Web based** and **Client/Server** applications using **manual testing and Automation testing**.
* Extensive experience in webservices testing and automation with UFT and SoapUI as well as TOSCA
* Strong knowledge **on Software Development Life Cycle (SDLC)** as well as Software Testing Life Cycle (STLC) and the role of QA in different methodologies like **Agile, Waterfall** etc.,
* Good knowledge and experience of **Selenium IDE, Selenium Web driver, Selenium Grid**, using **Core Java** for developing automation scripts in **Eclipse IDE**.
* Experienced in designing the Java Frameworks like **TestNG**.
* Used **Eclipse IDE** for developing **automation scripts**.
* Worked on multiple projects, and extensively involved in **User acceptance testing (UAT)**, End to end, **System Testing (SIT)**, Functional Testing, Regression Testing, Validation testing, Backend testing, Performance Testing, batch process testing and **Cross-Browser testing**.
* Experienced understanding the code written in different programming languages **VB Script**, Java Script and databases like **Oracle, SQL Server**.
* Expert in developing **Java Selenium WebDriver** Test scripts using **Java, JavaScript** and **Test Frameworks** using **TestNG, MAVEN** build tools.
* Good knowledge of **UNIX/Linux shell** commands to tail the logs, adding users, starting services from the shell, creating users, and setting file system permissions.
* Proficient in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid, QTP** (Functional and Regression Testing), **Load Runner, JMeter, SoapUI, Appium** to develop automation testing scripts for **web, Mobile** and client server applications.
* Extensively worked on various Testing types such as Integration, System, Functional, Regression, Sanity, Smoke, **User-interface (GUI), Data base and User Acceptance Testing (UAT), Performance Testing**.
* Expertise in tracking the Defects and log them on **Quality Centre, JIRA, Source Forge, Gemini, Clear Quest and Visual Studio.**
* Experience in **C, C++, Java, Swift, HTML, CSS, Python, Java Scripts, Oracle, SQL, PL/SQL, MySQL, MS Access, Ajax, Git and SVN.**
* Expert in preparing **Traceability Matrix** to map requirement coverage with test cases.
* Prepared **TRM (Traceability Matrix), Release/ Defect Matrices**.
* Extensive experience with relational databases like Oracle, **SQL Server and DB2** in writing **SQL queries** using joins.
* Trained Production support associates on latest Point of Sale functions.
* Working Knowledge of **CucumberAutomation tool** using **Ruby**.
* Experience in design automation framework using **Cucumber - Selenium – Java**.
* Involved in **XML** and XML schema validation with **XSLT, CSS and XSD**.
* Well-developed Interpersonal and Communication skills with excellent Documentation and Presentation skills. Good team player with ability to grasp new concepts quickly and implement them in a productive manner.
* Experience in working with windows, client- server Web based as well as Mainframe related applications.
* Good experience in integrating Automation scripts (**Selenium WebDriver**)
* Experience programming in Java, **Python, JavaScript, HTML, XML and SQL** on **Windows XP**, Vista Operating Systems, Mac and **UNIX** environments.
* Having experience in preparing daily testing report to explain all day-to-day activities and weekly testing report which contains overall status of the week, plan for next week and percentage of tests done.

**TECHNICAL SKILLS**

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| **Testing Skills** | Test Plan creation, Test Case Design, Test data preparation, Test execution, Defect management, Test reporting, Test Manager, Test Automation script writing, Runbook automation, Black Box and WhiteBox testing, GUI and API Testing. |
| **Testing tools** | Selenium WebDriver, HP QC/ALM, Junit, TestNG, JIRA, SOAP UI, QTP, Eclipse, Protractor, Manual Testing, Appium (Android Testing), JMeter, Cucumber, VS Online, HP Load Runner, Tosca, Renorex, XRAY. |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP. |
| **Defect Tracking Tools** | Quality Center (9, 10, 11.0), Jira, Team Foundation Server (TFS 2008, 2010, 2012), Rational Clear quest. |
| **Languages** | C, C++, C#, Java, SQL, PL/SQL, Python, VBScript |
| **Browsers** | Internet Explorer, Firefox, Chrome & Safari |
| **Operating Systems** | Windows XP, 7, 8 & server 2003,Ubuntu, UNIX and Linux |
| **IDE Tools** | Eclipse, Net Beans |
| **Mobile Manual Testing** | Android, iOS. |
| **Scripting Languages** | VB Script, Java Script, UNIX Basics |
| **Other Tools** | SVN, VSS, Deep Trawl, Firebug, Roboform, Teamsite, Jenkins,JIRA, Bughost. |
| **Build-Tools** | Ant, Maven |
| **Microsoft tools** | MS-WORD, MS-VISIO, MS-PROJECT, MS-EXCEL. |
| **SDLC Methodologies** | Waterfall, V-Model, Agile, RUP |

**WORK EXPERIENCE**

**Role: QA Automation Engineer Sep 2022 - Present**

**Client: Vanguard – CA**

**Responsibilities:**

* Extensively involved in all stages of **testing life cycle**, **Test Driven Development** methodologies, Software Development Life cycle (SDLC) using **waterfall**, and **Agile** methodologies.
* Responsible for **planning, executing** and **managing** the **UI automation scripts** written in **Angular7** using Protractor Testing Framework.
* Worked with Automation tools**, Selenium** and Selenium-based frameworks **(TestNG, WebDriver).**
* Tested Java web services and **API’s (SOAP & REST).**
* Conducted post-deployment review and provide detailed report and analysis of all defects, risks, and issues identified during testing of all assigned projects.
* Performed in both the current state and future state of test planning and execution, including, but not limited to, **functional, integration, regression**, and **performance/load testing**.
* Worked on **IoT (Internet of Things)**, integrating with Thing Space **API’s**.
* Converted manual test scripts to automated test scripts in **Selenium WebDriver** and **JavaScript**, enhanced the scripts by adding user-defined functions.
* Worked in creation, preparation, and conduct of quality assurance reviews and contributed to the development and execution of test plans and **test scripts**.
* Used various quality control analysis like **Manual, GUI, Functionality Testing, Smoke testing, System testing, Database Testing, Integration, User Acceptance Test (UAT), Performance**, **Regression Testing** and **Web Testing** using **Soap UI tool**.
* Used **TestNG** Annotations in **Selenium Web Driver in Python** and executed a batch of tests as testing suite.
* Implemented Automated execution of tests (nightly and need based) using **Maven and Jenkins**.
* Worked on **Selenium GUI Object** / element verification is done through **XPath, CSS Locators**.
* Used **GIT** as code repository and Code Collaborator to manage code reviews.

**Environment:** Java, Selenium WebDriver, WhiteBox testing ,Maven, TestNG, Jenkins, Rally, Xpath, Eclipse, SOAP UI, Bugzilla, GIT, Firebug, HTML, XML, CSS, Internet Explorer, Chrome, Firefox, SQL, Oracle, Jmeter, Windows, Protractor, POI, IOS Simulator, Emulator, Automation Engineer

**Role: Automation Engineer Apr 2021–Aug 2022**

**Client: One America, Indianapolis, IN**

**Responsibilities:**

* Responsible for planning, executing, and managing the UI automation scripts using Cypress Testing Framework.
* Running smoke suites on daily bases in different environments and maintaining and updating suites with latest changes the suites and keeping up to date.
* Writing manual test steps for end-to-end test cases and Developing automation spec for end-to-end.
* Troubleshooting Regression failures and reporting bugs from test failures
* Conducted post-deployment review and provide detailed report and analysis of all defects, risks, and issues identified during testing of all assigned modules.
* Taking ownership and working on different test suites as required Smoke, E2E, Roles, Performance, Regression.
* Creating bugs, reporting bugs and reviewing bugs in test, stage and pre-prod environment.
* Working on creation, preparation, and conduct of quality assurance reviews and contributed to the development and execution of test plans and test scripts.
* Supporting development team during production release by running automation suites on pipeline and manually when needed.
* Using DynamoDB as backend repository and to find out data availability in different tables and to started writing mock API.
* Involved in automation testing using TOSCA.
* Worked with all modules of TOSCA like Modules, test cases, Test case Design & Execution Lists.
* Extensively involving in all stages of testing life cycle and Test Driven Development methodologies
* Implemented Automated execution of tests (nightly and need based) using scheduled CI/CD pipeline.
* Worked on Cypress GUI Object / element verification is done through XPath, CSS Locators.
* JIRA board tickets are used to track automation work and for bugs creation and status.
* Using source tree and git commands from VSCode terminal to push, pull, commit, and merge code changes.
* Updating project details in confluence page for business reference and teams understanding.

**Environment:** Soap UI, Cypress, VSCode, JIRA, Agile, TOAD, UNIX, Cucumber, MS Office, HTML, XML, SQL, CI/CD, Mainframe, Internet Explorer 6.0, Chrome, Safari.

**Role: QA Test Engineer Oct 2018 - Mar 2021**

**Client: Medtronic ,MN**

**Responsibilities:**

* Created test scripts using C# and Selenium Web Driver for the functional test cases.
* Generated automated scripts using C# and Visual Studio 2017.
* Tested Mainframe online CICS applications.
* Assigned responsibilities of planning test strategies and executing test cases in Mainframe environment.
* Worked on Team Foundation Server (TFS) to effectively manage the product life cycle.
* Used JIRA as Project management and Bug tracking tool and tested SOA application using Advance REST Client.
* Finding, Creating and Tracking Bugs.
* Implemented and configured Selenium web driver from NuGet packages as build for adding all the dependencies.
* Reviewed test plan/use cases/test cases with QA Manager and product owner
* Ensured whether all the proposed test cases are covered or not as per SRS document using RTM.
* TFS-MTM (coded UI and exploratory testing) for automating tests for regression testing.
* Prepared detailed test plan for this feature and created the test matrix and test scenarios by reviewing the functional spec.
* Designed test scripts and wrote test cases based on the Use Cases and Acceptance Criteria using Selenium Web Driver in .net environment.
* Worked on MySQL Database and some SQL quires.
* Supported test activities associated with Product Point of Sales.
* Evaluated and interpreted Point of Sale requirements created by external vendors.
* Updated existing API call to improve functional testing (before updating API, Overall tests passed was 34% after updating it was to 59%).
* Performed API testing with different sub-systems as part of Back-end test.
* Created unique IDs in HTML file for identifying elements for selenium tests, also worked on locators like class name and name attribute.
* Worked closely with the Development team to analyze the application at the backend level and to describe the defects.
* Used TFS to log the defects and reporting purpose for developers to fix the defects.

**Environment:** QTP 10, Soap UI, Quality Centre 10, Selenium Webdriver, C#, ASP.NET, ALM, Oracle, JIRA, Agile, TOAD, UNIX, Cucumber, MS Office, HTML, XML, SQL, MYSQL, WhiteBox testing Windows XP/Vista, Internet Explorer 6.0, Chrome, Mozilla.

**Role: Software QA Tester Jun 2016 – Sep 2018**

**Client: Unipack Inc, PA**

**Responsibilities:**

* Experienced in Testing automation with **HP's QTP** and **UFT** (HP's Unified Functional Testing Tool), **Ranorex** and other **Automation tools** to **automateData Centric Applications**.
* Managed multiple deadlines and large-scale testing projects successfully.
* Developed comprehensive test plans and test cases with expected results to provide test coverage for all the functionality detailed in the requirements.
* Participated in **SDLC** and **QA** best practices and standard methods.
* Performed **GUI Testing, Functional, Testing manually**
* Performed end-to-end testing on the released version of the software application and detected lot of **GUI bugs**.
* Used Firebug to identify objects on desktop web application.
* Worked on **VBScript** to develop Test Automation Scripts and modified the existing scripts as per the requirements.
* Ability in creating, communicating, and delivering actionable plans to a diverse audience, including executives

**Environment:** UNIX, VB Script, RPG, I-Series SQL Navigator, QFT, UFT, Ranorex, Informatica, Quality Centre, Waterfall, Agile method , Windows NT/2000/XP, SOAP UI, DBMS, XML, Oracle, PL/SQL, HTML, Java Script, Amdocs, MS-ACESS

**Role: QA Test Engineer** **Dec 2014-Nov 2015**

**Client: Thermal systems Pvt. Limited**

**Responsibilities:**

* Performed **Functional testing, User Acceptance Testing,** WhiteBox testing and **System Testing**.
* **Automating** and **debugging** the regression and **smoke test script**s for the major releases.
* Check the **manual test scripts** for automation and identifying the reusable test components.
* Involved in root cause analysis and performance analysis of the developed test scripts.
* Analyzed Test specifications and written **Manual Test cases** for **Black Box Testing**.
* Involved in defect management and defect reporting.
* Coordinated testing activities with testing team members.
* Talked to the end users to create the process requirements and to proper explain to the design and development team the flow of future data modules.
* Developed rigorous **SQL** queries in **PL/SQL** to perform the database operation for verification and validation.
* Participated in the team meetings to discuss the issues arising out of testing.
* Logged and kept track of all Defects till their closure using **Quality Center**.
* Created and maintained Test Data on Excel sheets.
* Performed **Backend Testing** using **SQL**.
* Conducted Cross Browser Testing on different versions of IE and Firefox.

**Environment:** Oracle, BugZilla, SQL, Agile Methodology, User Acceptance Test Case, Toad, SVN, Quality Center, QTP, J2EE, XML, MS-OFFICE

**AppLogic Systems –Hyderabad, India Jun 2013–Nov 2014**

**Manual/QA Tester**

**Responsibilities:**

* Reviewed Business requirements, IT Design documents and prepared Test Plansfor all assigned project releases.
* Involved in creation of manual Test reports and Test cases.
* Involved in testing the new functionalities based on test cases manually andcoordinated with development team in fixing the issues.
* Ensure that all the test cases are updated in the Test Director along with Mastertest plan.
* After successful release of projects, developed automation scripts using QTP andintegrated the script with master script.
* Used Mercury Quality Center to develop automation testing scripts for web andclient server applications.
* Tested critical bug fixes and coordinated with developers in release of bug fixesmeeting tight timeline.
* Involved in Release support - Release to QA, involved in environment setup,testing the release process.
* Involved in Backend Database testing in Oracle using SQL.
* Analyzed performance of Webserver, Application-sever and Database-server invirtual users load.test scripts manually and then recorded the same in Win runner. All theissues that came up during this process were logged in Test Director as defects.
* Defects were tracked, reviewed, analyzed using Test Director.

**Environment:** Java, Selenium WebDriver, TDD, Junit, Ant, SOAP UI, JMeter, JavaScript, HTML, Eclipse, Jira, MySQL, Agile Methodology, Windows.

**Educational Details:**

* Bachelor’s in Computer Science & Engineering. 2011, GITAM University
* Master’s in computer Science 2017