**SWETHA**

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**SUMMARY:**

* Around **8+ years** of experience as a **QA Test Engineer** using **Manual & Automation Testing**. Strong knowledge of **Software Development Life Cycle (SDLC)** as well as **Software Testing Life Cycle (STLC)** and the Role of **QA** in different testing methodologies like **Agile,** and **Waterfall**.
* Excellent work experience in **Functional, Integration, GUI, Regression, System, Compatibility, Performance, Acceptance, Security, Stress, Black Box Testing**.
* Worked in designing scripts in **Keyword driven framework** and **Page object model Framework**.
* Developed and executed **Test Plan, Test Cases,** and **Test scripts** for various applications.
* Exposure in programming languages and script like **Java, JavaScript, HTML, CSS, VB Script** and **Shell Script**.
* Good experience in **banking, Health, E-commerce** domains.
* Hands on experience in **Web applications, Web services** (**SOAP, REST**) and **Middleware**Testing.
* Automation experience using **Selenium IDE/RC/ Web Driver** and **TestNG** frameworks
* Experience in validating Regular and Ajax control using Selenium locators (XPath, CSS, id and name).
* Experienced in reading the test data from **XL** spread sheets using **JXL API** and **TestNG** Data provider.
* Working experience **xPath, Firebug, Fire Path, Log4j, Maven** and **TestNG** annotations.
* Experience in working with **Oracle, DB2, My SQL** and **MS-Access** Databases.
* Expertise in using Tools **Mercury/HP Quality Center**, **Rational Clear Quest, BugZilla** and **JIRA**.
* Excellent knowledge in **Quick Test Professional, Quality Center (Test Director), Load Runner, Win Runner**.
* Involved in preparing and providing "Proof of Concept" docs for multiple projects proposal for automation efforts and estimates in **QTP**.
* Expertise in User Interface Testing in **QTP/Win Runner** on client/server and web applications.
* Experience in Continuous integration tools like **Maven, Jenkins** and **Rally** Tools.
* Worked on version control repository for the test scripts and a testing framework for running the tests on virtual machines.
* Created uniform scripts, comments and indentation of the code.
* Experience in validating mobile web and native apps on Android and iPhone devices
* Experience with **UAT** testing along with data setup, Environment setup and coordination between users, Development, Business Analyst and Product Management teams.
* Expert in preparing **Traceability Matrix** to map requirement coverage with test cases.
* Good Communication, interpersonal, and Teamwork skills.
* Excellent Organization, Analytical and Problem Solving skills and ability to quickly learn new technologies.
* Demonstrated initiative, innovation, flexibility, and ability to manage workload, achieving desired results with minimal supervision.

**Technical Skills:**

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| **Automation Tools** | Selenium IDE/RC/WebDriver/Grid, TestNG, Junit, Cucumber |
| **Middleware Tools** | SoapUI |
| **Languages** | HTML, CSS, JavaScript, Java, XML |
| **IDE** | Eclipse, Clear Quest. |
| **Scripting Languages** | VB Script, Java Script, Shell, Python. |
| **Build Tools** | Maven, Ant. |
| **Bug Tracking Tools** | BugZilla, Rational Clear Quest, JIRA. |
| **Management Tools** | Quality Center, Rational Clear Case, Rational Requisite Pro. |
| **Database** | SQL , oracle, DB2, MS Access |
| **Version Control Tools** | SVN, GIT. |
| **Web Debugging Tools** | Firebug, Chrome debug console. |
| **Operating System** | UNIX, Linux, Windows. |

**PROFESSIONAL EXPERIENCE**

**Pfizer Inc., Pea pack, New Jersey Oct’15 – Present**

**Test Analyst**

**Description:** At Pfizer, we set the standard for quality, safety and value in the discovery, development and manufacture of health care products. Our global portfolio includes medicines and vaccines as well as many of the world's best-known consumer health care products. Every day, we work across developed and emerging markets to advance wellness, prevention, treatments and cures that challenge the most feared diseases of our time. We collaborate with healthcare providers, governments and local communities to support and expand access to reliable, affordable healthcare around the world. As a Test Analyst assists with test execution on an agile project, focusing on the design, development and execution of automated test scripts, assists in the development of the test strategy as a quality champion on the team, identifies acceptance criteria, and define the test conditions when stories or requirements are created.

**Responsibilities:**

* Reviewed product requirement documents, functional specifications, and involved in developing test strategy, test plan and test case documents.
* Involved in designing and implementing of hybrid automation framework to be used with **Selenium Web Driver**.
* Extensively used Selenium (**data-driven, XPath locator**) and Web Driver to test the web application.
* Involved in developing selenium automation framework using **TestNG**. Developed Maven targets to execute automation suites from command line.
* Used **Firebug/Fire Path** Add-on tools to identify the Object's id, Name, XPath, link in the application.
* Performed Data driven testing using **Selenium** and **TestNG** functions which reads data from property and **XML** files.
* Performed build **acceptance testing** and **smoke testing**.
* Used Maven to build and run the Selenium automation framework. Once the script got over, framework used to send the automation reports over email.
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Responsible for developing the scripts to support Jenkins (Continuous Integration) of the scripts with the build server.
* Developed automated Data Driven scripts to perform **negative** and **positive testing** of an application by providing different data.
* Implemented modular Framework for Selenium based scripts. Conducted **Cross Browser testing** in Google Chrome and Firefox using Selenium Web Driver.
* Involved in functionality testing using **SOAP UI** on **HTML** pages, its dynamic contents and the integration with content management, Web Services and Database functionalities (**XML, SOAP UI**).
* Used **Soap UI** for **functional testing** and verifying the Request and response **XML, Schemas, XPATH** at respective locations.
* Used Quality Center for **bug-reporting, tracking** and to create and execute various scenarios, generate graphs, overlaid graphs for comparison, and analyzed the results.
* Maintain the scripts in using the version control tool **SVN** (Apache Subversion).
* Tested web-based application on different operating systems such as **Windows XP, Vista** and different browsers such as **IE, chrome, Firefox.**
* Used **SQL Queries** to retrieve the data from various Tables and to test the database.
* Analysis of Test results and defects to estimate progress on a daily basis.

**Environment:** Java, Selenium Web Driver, Jenkins, TestNG, Maven, Soap UI, Eclipse, HTML, XML, Firebug, Fire path, XPATH, Quality Center, Internet Explorer, Chrome, Firefox, Safari, SQL , Oracle, Windows.

**Freddie Mac, McLean VA Mar’14 - Sep’15**

**Test Engineer**

**Description:** As automation Test Engineer, I was involved in creating IT automation solutions. I have developed automation solutions for providing self service capabilities for Freddie Mac to simplify IT. I worked with the Architecture, Development groups, Engineering, and Operations to establish standards, best practices and automation infrastructure solutions within Freddie Mac. I am responsible for designing, creating, maintaining and continually improving orchestrated workflows to automate IT processes throughout the enterprise. I worked closely with Middleware, Database, computer, Security, Network Operations, Data Center team and Engineering groups to create automation solutions.

**Responsibilities:**

* Reviewing and analyzing business requirements and technical specifications to come up with Testing Scope
* Responsible for Manual, Automation using Selenium Web Driver, Scrum and System Testing of the application at various stages.
* Automated Web Application Testing using Java Selenium framework in an agile environment.
* Created Selenium Test cases for automation using Selenium Web Driver and Java.
* Used Hybrid Framework of Selenium to get data from Excel.
* Created and executed automated tests for functional, and regression testing using Quick Test Professional.
* Created QTP scripts with reusable and external Actions and, called functions in Actions.
* Inserted various types of check points including text checkpoints, text area checkpoints and Image checkpoints.
* Used Unix Commands to access and troubleshoot Errors by accessing the Error Log files.
* Participated in Design Phase, together with members of the Product team, developers, and DBAs.
* Involved in ESB message testing for different applications, both consuming and producing.
* Performed Smoke, System testing, system Integration Testing, User acceptance, Database & Regression testing.
* Prepared Test cases, procedures, Bug Tracking, Logging and reporting bugs using Quality center
* Involved in testing compatibility of application for dynamic and static content under various cross browsers using HTML IDs and X Path in selenium
* Created the data driven framework using HP Service Test and Soap UI.
* Created automation scripts in Soap UI using Groovy Script for web services testing.
* Implemented open source web test tool selenium WebDriver for cross browser and cross platform web testing. Used selenium WebDriver to test search results of Meta search engine.
* Conducted oracle database tests by executing SQL queries to ensure the data integrity by checking various kinds of constraints.
* Developed and executed SQL queries to verify the proper insert, delete and updates into the Oracle supporting tables and cubes.
* Validate reports by retrieving data with complex SQL queries from oracle database.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Performed regression tests on the application to assure proper functionality of the site after new builds using Clear Quest.
* Extensively interacted with developers to analyze & resolve issues that were encountered while testing application.

**Environment:** Selenium 2, Web Driver 2.0, Web Services, SOAP UI,Groovy Script, ESB, Restful, SOAP, Spec flow JDBC, Java API, Eclipse, Maven, Jboss Server, HTML, JavaScript, SQL, Windows, TestNG, Eclipse, Linux, MS Office.

**Park Mobile, Atlanta, GA  Aug’12 - Feb’14**

**QA Automation test Engineer**

**Description:** The project involved testing an e-commerce website for internal organization and business team to consolidate and store customer entity database including storing customer's personal details, other related transactions, and system performance details.

**Responsibilities:**

* Experienced working in Various Stages of Software Development Life Cycle (SDLC).
* Working on UNIX and Linux development environments.
* Integration testing by creating different test cases and peer review the code.
* Developing SQL procedures and provided scripts for querying the oracle database.
* Participated in UAT testing and Coordinated QA team to ensure the quality of application.
* Support testing (Functional, Performance, Access controls), application deployment and maintenance.
* Responsible For Supporting/monitoring production environment including tracking Real-time issues and resolving them.
* Added Maven support to existing projects.
* Participating in design and code reviews, develop documentation artifacts.
* Developed front end UI using JSP Facelets, Servlets, HTML and Java Scripts.
* Used JMS for reliable and asynchronous exchange of messages.
* Involved in developing custom components in Presentation tier using JSF, Ice faces tags.
* Configuring Ice Faces Filter and Faces Servlet in the configuration file.
* Worked on the Integration tier responsible for writing the services to communicate with external resources such as messaging systems like MQ series, etc. using JMS, JDBC, and J2EE API.
* Extensively worked in database transactions, large and complex environments, which include the integration of different systems, like ERP systems, etc.
* Used WebSphere Application server (WSAD 570) for application deployments.
* Used WSAD for development, coding, debugging and deploying applications.
* Provided architectural designs and reviews for customers, partners and internal clients for enterprise and web-based applications on WebSphere

**Environment:** Java 1.6, J2EE 2.0, SOA, Web services, ESB, HTML, Maven, CSS, JSP, XML, JavaScript , Eclipse, Oracle 10g, Windows 2008, Unix, SQL, Web Methods, oracle 10g.

**Apollo Health Care, India Dec’10-June’12**

**Selenium Engineer**

**Description:** As a test Engineer, I wrote Test Plans from the requirement documents and Use Cases. I performed Smoke Testing, Functional Testing, Backend Testing, BlackBox Testing, Integration Testing, Regression Testing and UAT (User Acceptance Testing). I attended several walkthrough meetings for requirement reviews and provided feedback to the Business Analysts.

**Responsibilities:**

* Prepared a detail test schedule on a day-to-day basis for the project members to know the status of the QA Process.
* Coordinated with cross-functional teams during test preparation and execution.
* Created Automation test framework using Selenium.
* Created, executed and exported the Test case scripts using Java-Selenium RC and Prepared automation test frameworks in Junit.
* Recorded and plays back test in Firefox using Selenium IDE.
* Performed tests using Selenium remote control in different browsers.
* Performed Smoke, Functional, System, Integration, Regression, Performance testing. Prepared test data for testing the application in various test phases.
* Used TOAD as well as SQL analyzer to manipulate SQL queries to verify the data in the database.
* Checked the navigation and the links of the application.
* Performed bug tracking, including submitting and assigning defects to the application developers using QC.
* Tracked, Managed and documented the performance of the application during UAT.
* Interacted with Developers and System Analysts to understand the severity of the defects.

**Environment:** Selenium IDE, Selenium RC, QC, TOAD, JSP, Eclipse, Web Logic, JBOSS application Server, Windows XP, HTML, XML.

**ICICI Bank, India May’09 – Nov’10**

**QA Analyst**

**Description:**   
As a QA Analyst, I worked on an integrated ecommerce dataset system that included cash/credit card transaction and reconciliation, collections, maintaining and forecasting sale volume, managing order and quality assurance, key control, and marketing aspects of the service. Also worked on the content management of the website to add certain features like promotional messages, package tour, various cheap destinations offers.

**Responsibilities:**

* Worked in Agile-Scrum Methodology and attended sprint planning meetings.
* Participated in daily Scrum and reviewed User Stories.
* Developed and executed test cases in Quality Center.
* Actively involved in UI, functional, database and Integration testing of the application
* Extensively performed smoke and sanity testing.
* Extensively used Quality Center for test management.
* Developed Test Cases from requirement document (User Stories) Participated in Peer Review.
* Created & executed SQL Queries to validate the data stored in database
* Extensively performed end to end to ensure data flow.
* Performed regression testing of the stories completed in previous iterations.
* Created and executed detailed test cases for the assigned area.
* Prepared test data for positive and negative test scenarios for Functional testing.
* Executed test cases manually to verify actual results against expected results.
* Prepared weekly status reports on test case execution, defects, RTM etc. Tracked progress of defects through to resolution.
* Used Toad to manipulate SQL queries for back-end testing

**Environment:** Windows, Oracle, Web Applications, Middleware Tools (SoapUI), XML, Web Services testing.