**Sandhya RESUME**

**Present- Fremont CA**

Overall 5+ years of progressive experience in Quality Assurance as an automation and Manual tester in different domains like Finance, HealthCare and Banking. Experience in testing of software projects, Business intelligence process in distributed Client and Server and web-based applications. Excellent knowledge in SDLC and implementation of QA methodologies and strategies in all stages of SDLC including both waterfall and agile methodologies.

**Professional Summary:**

* Experience in SDLC methodology from requirement analysis, planning, design, development and testing as well as **Test Development Life Cycle (STLC)**
* Strong Knowledge in testing applications based on **Waterfall** and **Agile** (Scrum) SDLC Methodologies.
* Experience in **Analyzing** Business Requirements, Design Specifications, Use Cases to develop and execute **Test Plans**, **Test Cases**, **Test Scripts** and **Requirement Traceability Matrix**.
* Experience performing **front end testing**, **back end testing** and **mobile testing**.
* Experience in developing QA processes manual test scripts to test web-based User interface as well as test scripts for functional testing.
* Prepared traceability matrix to ensure the adequate coverage of the test cases.
* Experience in performing cross browser testing using **web driver** on multiple browsers and different platforms.
* Extensive experience in creation of test deliverables for all test levels (**Integration/ System/ User Acceptance/ Implementation**) and test types **(Smoke/Regression/ Functional/ Configuration/ Integration/ Recovery**) and Test Environment.
* Developed **Data driven framework** in different projects.
* Good exposure with **TDD frameworks** like **testNG** and **Junit** and knowledge in BDD framework like cucumber.
* Proven ability in designing and creating automation frameworks for web-based applications using Java integrated with Selenium WebDriver.
* Experience in testing Mobile Web applications and performed the **Apps testing** on iPhone, iPad and Android Devices.
* Experience in using build tools like **Maven** to manage framework dependency jar files.
* Experience in using Continuous Integration and Delivery tool **Jenkins** to push builds for regression testing as well as to generate reports.
* Experience using version control system like **GIT.**
* Experience in using bug reporting tool like **JIRA** to track test progress, execution and deliverables
* Experience in Test Management tools using **HP Quality Center**/**ALM**.
* Hands on experience in developing **JAVA, C#, python** code and **SQL** queries for various projects
* Familiar with Oracle and MySQL database.
* Experience in working with **Off-shore** teams
* Good knowledge in Web Service testing using **SOAPUI and Postman** tool.
* Good understanding of working on both **Windows** and **Unix/Linux** environment
* Extensive knowledge and understanding of **cloud technology**.
* Good understanding of network fundamentals (**OSI Model)** and **security concepts.**
* Excellent **Team Player**, **Good Communication** and Interpersonal Skills.
* Enthusiastic person with strong ability to learn new skills, solve any challenge, play a positive role in the team and ability to interact with individuals at all levels.

**Technical Skills**

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| Testing Tools | Selenium web driver, Appium |
| Test Management Tool | JIRA, HP ALM |
| Languages | C#, Java, Python, SQL, PL/SQL, HTML, XML |
| IDE | Visual Studio, Eclipse, PyCharm |
| Operating System | Windows, Unix/Linux |
| Other Tools | Microsoft office, SAP, Microsoft Project, Putty, Wireshark, Nessus |

**Education:** Ms. Computer Information System Security

**Work Experiences**

**Bremer Bank, St. Paul Minnesota. May 2018 – April 2019**

**QA Automation Engineer**

Bremer Bank is a financial corporation that provides banking services as well as other services like mortgage, investment, private banking and insurance in Minnesota, North Dakota and Wisconsin. The project was to test internal web application portal used by employees to track different service requests made by clients such as fund transfer, address change, request for loans, consumer credit, rate exception, etc.

**Responsibilities:**

* Actively involved with Business Analysts, Project Manager, Developers for the project.
* Participated in Scrum meetings and reviews.
* Executed Selenium tests for automation testing of the web application using Selenium Web Driver.
* Set up test environment.
* Performed **Smoke Testing** on each service using **TestNG.**
* Wrote systematic and maintainable Java code to develop **Page Objects** using the Selenium Framework.
* Performed **Data driven testing** using **Apache POI** in Selenium WebDriver and TestNG functions for both positive and negative data from external excel file and read data from property and **XML files.**
* Used **Maven** to build the WebDriver project and integrated same with Continuous Integration tools **Jenkins** for running test on weekly basis automatically.
* Performed functional testing of Web services testing and XML using **POSTMAN.**
* Implemented test automation scripts for mobile testing using **Appium** for Android and iOS applications.
* Developed automation scripts for the bank’s Mobile application on iOS and Android platforms using Appium and Java.
* Used Appium to facilitate mobile testing by creating mobile Driver class with the required Mobile capabilities.
* Performed concurrent executions on **emulators** and **simulators** over Sauce Labs and using real devices over Test Object.
* Conducted backend testing using **SQL queries** to validate data for Oracle 12c.
* Identified and reported bugs using defect tracking tool **JIRA** and presented bug reports for weekly status updates.
* Involved in Risk **Analysis** to determine the **priority** and **impact** of defect and bug for effective troubleshooting process.

**Environment**: Selenium Web Driver, Java, Eclipse (IDE), TestNG, Maven, Jenkins, GitHub, Postman Jira, Page Object Model, Oracle 12c, Linux (OS)

**Columbia Sportswear, Portland, Oregon October 2017 – April 2018**

**Automation Engineer**

Columbia Sportswear designs, develops and distributes active outdoor apparels, footwears, accessories and other outdoor lifestyle products globally. The project is to create an improved version of Columbia’s online store to increase the online sales and promote new products. I created the framework to test customer registrations, orders, and daily deals and promotions.

**Responsibilities:**

* Involved in testing the application utilizing the Scrum (**Agile**) methodology.
* Gathered requirements documents such as business requirements, Functional requirements and design documents.
* Worked with technical leaders and architects to understand the requirements for a test environment setup.
* Verified requirements coverage by conducting walk through meetings of Test plan and scenarios with business analysts, project manager and test supervisors.
* Reviewed the Test Basis, **designed and documented Test Strategies**, **Test Plan, Test Cases** and executed test cases.
* Responsible for identifying test cases for manual and Automation with **Selenium WebDriver** for Smoke Test, Functional and Regression Tests.
* Setup the Automation framework using **Selenium** to run test cases in multiple browsers and platforms.
* Developed test code in Java language using **TestNG** framework.
* Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites (**TestNG and Maven**).
* Performed SOAP / web services testing using **SOAP UI**, wrote adaptors to test / invoke web services.
* Performed End-to-End testing of database to check data integrity using **SQL queries** in Oracle.
* Identified, Reported and Tracked Defects using **HP ALM** test management tool.
* Participated in weekly project status meeting, daily Scrum stand up meetings and updated the testing Progress.
* Managed software defect information interacted with Business users to fix severity and priority of issues.

**Environment:** Java, HTML, CSS, SQL, Oracle, Selenium Web Driver, HP Quality Center, SOAP UI, Linux/Unix

**Centra Care Health, St. Cloud MN August 2016 - December 2017**

**Automation Tester**

Centra Care is a non-profit healthcare system that provides healthcare system to people throughout central Minnesota. The project was to ensure that customer portal of web application offered all the services to their member clients as well as new clients to manage their healthcare online.

**Responsibilities:**

* Analyzed Business Requirement Document, High level and Low-level design documents.
* Designed Test Plan and test strategies based on high level business and technical documents.
* Automated regression and functional test cases in Java using **Selenium WebDriver** and **TestNG.**
* Worked closely with QA Automation Architect to implement, maintain and improve the library of reusable functions in the **POM** (Page Object Model) automation framework.
* Used omnibug to identify Web Elements using xpath and CSS Selectors.
* Performed **Data Driven** Testing using **JDBC** to retrieve data from MySQL database.
* Create, Execute and Maintain Regression Automation scripts and stored the output in logs using **Log4j.**
* Executed test cases on multiple browser using **Selenium web driver.**
* Responsible for performing Smoke, Functional, Integration, System, Regression and Sanity Testing.
* Involved in Test Execution, result analysis and Defect reporting using **JIRA.**
* Participated in defect review meetings with developers and management team.

**Environment:** Selenium WebDriver, Java, Eclipse IDE, log 4j, Windows, TestNG, Fire Bug, MySQL, TOAD, JIRA, Windows

**Cloud Factory, Durham, NC September 2013 - December2015**

**QA Data Analyst**

Cloud Factory is a cloud-based labor platform that provides virtual assembly lines wherein companies get virtual workers for tedious and repetitive task within their company. As a QA data analyst, my role was to ensure and assure quality and performance of user interface (UI), functionality of the application and user experience research to check user convenience for application usage.

**Responsibilities:**

* Analyzed the user/business requirements and functional **specification documents** from business analysts.
* Designed test plans, scenarios, scripts, and procedures for the received documents **in Microsoft Excel.**
* Worked under **waterfall methodology**.
* Executed each test cases manually on the front-end application for both user interface and functionality performance to verify expected results.
* Performed **cross-browser testing** to check apps works on different browsers and versions.
* Prepared **traceability matrix** to ensure that all test cases are covered.
* Documented software defects, using **JIRA** and reported defects to software developers.
* Interacted with developers to report data related bugs and retested the fixed issues.
* Developed end user convenience report every two weeks by gathering data from Product Managers, Customer Success People, Feedback from users, Over User Calls, App reviews, Customer logged support tickets etc.
* Participated in weekly team meetings between business users, developers and tester where test status and defects were discussed.

**Environment:** Microsoft Excel, Microsoft Office, Windows (OS)