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| **Sumathi** | 408-757-0080 | charlotte ,NC  |

**Profile Summary**

* **Having 10 years of experience in Information Technology**, with specializing in **Software Quality Assurance Testing,** proficient in testing on **Client/Server, API** and **Web based applications** using manual and automated testing tools**.**
* Experience in all phases of **Software Testing Life Cycle (STLC), Bug life Cycle** and Methods like **Waterfall and Agile,** understandingof **Software Development Life Cycle (SDLC)**.
* Experience in developing **Java Selenium WebDriver/IDE/GRID** test scripts and **Test Frameworks** using **TestNG, MAVEN** build tools.
* Experience in developing **QTP-UFT** test scripts for web applications.
* Experience on Writing **SQL** queries to extract data from various source tables to perform database testing.
* Experienced in designing and implementation of Various Frameworks in Selenium.
* Experience in testing **REST/SOAP** web services using **SOAP UI and postman,** worked with both JSON and XML formats.
* Experience with writing Automation Test cases using **Element Locators, WebDriver methods, Java programming features** and **TestNG automation.**
* Good technical knowledge in core Java
* Excellent knowledge in writing unique **XPath** using **firebug and fire path** **and chrome developer tools** to identify **web elements.**
* Experience in **Compatibility Testing** - working with multiple Operating Systems, Multiple browsers Such as **IE**, **Mozilla**, **Safari (Mac)** etc.
* Extensive knowledge and experience using Linux and shell scripts
* Experience in creating and maintaining automation acceptance test suite using **Selenium** and **TestNG**.
* Experience with comprehensive understanding of all phases of **Test Life Cycle**, including requirement gathering, test planning, and scheduling, testing, defect tracking and reporting.
* Proficient in creating business based functional **Test Scenarios,** **Test plans, Test cases, Test Scripts, Test Specifications and Traceability Matrix.**
* Experience in cucumber BDD (behavior- driven development) and feature files.
* Experience in continuous integration tools like **Jenkins** and **MS Azure**.
* Experience in **Smoke, sanity, Functional, System, Integration, Regression, GUI, Black Box, White Box, load testing, performance testing, End to End testing and User Acceptance Testing (UAT),** of Client Server and Web applications.
* Experience in Test- driven development (TDD).
* Azure, Kubernetes, Agile, Docker, VMware, React, JavaScript, Linux
* Creating defect tickets and writing clear and detailed description for issues discovered during testing
* Experience in **Backend Database testing** using **SQL queries and Joins.**
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **HP Quality Center, TFS, HP ALM, JIRA.**
* Experience in version controlling tools like SVN & GIT
* Experience with logging framework like **log4j** with slf4j
* Experience in Agile and Waterfall methodologies
* Expertise on Banking & Financial domains.
* Good interpersonal skills, Written and Verbal communications.
* A good team player with excellent time management skills, having profound insight to meet critical deadlines on time and learn new technologies with enthusiasm.
* Flexible and versatile to adapt to any new environment and work on any project.

**Technical Skills**

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| **Testing Tools** | Selenium WebDriver/IDE/GRID, JIRA, Eclipse, IntelliJ, SOAP UI, POST MAN, JMeter, QTP-UFT |
| **Build Tools** | Maven |
| **Languages** |  Java, SQL, VB Script |
| **Continuous Integration Tools** | Jenkins, MS Azure |
| **Frameworks** | Junit, TestNG |
| **Database****Technologies** | Oracle 10g, Sybase SQL, SQL Server, MS Access |
| **Firefox Add-ons** | Fire Path, Firebug |
| **Bug Tracking Tools** | HP Quality Center/ALM, Bug Zilla, JIRA |
| **Agile Tools** | JIRA |
| **Platforms** | Mac, Windows, UNIX |
| **Version Control**  | Git, SVN |

**Projects**

**Project: Online DocuSign** (Mentor US Global – Jan 2022 to till date)

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| **Client** | **:** | Lincoln Financial Group, PA | **Testing Approach** | **:** | Automation  |
| **Tools Used** | **:** | Selenium, TestNG | **Role** | **:** | Sr. Automation Tester |

**Description:**

 Developed BDD tests using Cucumber by writing behavior and step definitions & developed required Selenium support code in Java for Cucumber. Moved entire framework from hybrid to BDD by using POM, and creating Feature files, Step definitions, and Runner class. Using reports analyzed step by step fail and pass criteria.

**Roles & Responsibilities:**

* Involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle (SDLC) using Agile methodology.
* Test Automation with Selenium and TestNG
* Setting up CICD using Jenkins
* Smoke testing, Integration testing, Database testing & regression testing and GUI software testing.
* Documenting the test results
* Unix fundamentals knowledge
* Leading a team of 4 members
* Task allocation and tracking the project.
* Presenting the status reports to managers
* This role demonstrates a competent understanding of Test Data Management related to data security, data masking, synthetic data creation and test data strategy planning.
* Strong ability to multi-task in an environment of changing priorities
* Ability to coordinate with Product Line leaders for Decommissioned / Retired/ inactive apps.

 Coordinate and validate with the Product Lines leaders if those apps have PHI Prod content.

* Make sure the PHI content is removed from the non-Prod environments.
* Leveraged Python libraries, such as Pandas, NumPy, and Matplotlib, to perform data manipulation, validation, and reporting, using tools such as Excel, Power BI, and Tableau.

 Collaborated with data engineers, analysts, and stakeholders to understand the data requirements and

 specifications, and delivered ETL testing solutions that met the project objectives and standards.

* Build a roadmap for reach out, follow up and report the app inventory which is cleaned up

**Project: Salesforce** (Infosys Ltd. - Oct 2018 to Dec 2019)

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| **Client** | **:** | BOFA, USA | **Testing Approach** | **:** | Automation  |
| **Tools Used** | **:** | Selenium | **Role** | **:** | Test Analyst |

**Description:**

 Regression testing automation of BOFA customer DocuSign application. BOFA has Salesforce and an online DocuSign application in which customers can print their digital signature. In this project, we automated the regression testing of this application with Selenium.

**Roles & Responsibilities:**

* Analyzing and documenting the existing functional flows
* Regression testing automation (coding + testing)
* Documenting the test results
* Leading a team of 3 members
* Task allocation and tracking the project.
* Presenting the status reports to managers

**Project: Schoology** (Infosys Ltd. - Oct 2016 to Sep 2018)

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| **Client** | **:** | LAUSD, USA | **Testing Approach** | **:** | Manual + Automation  |
| **Tools Used** | **:** | Selenium, Postman & TestNG | **Role** | **:** | Test Analyst |

**Description:**

 Schoology is a student enrolment, student & staff maintenance system which helps to enroll the students and to maintain their records like attendance, subjects, marks etc. It also maintains the staff information such as class and subject allocations, students mapping etc. In this project, we automated the end-to-end system testing with Selenium and prepared Postman collections for API testing and automated the same with TestNG.

**Roles & Responsibilities:**

* Analyzing and documenting the existing functional flows
* New requirement analysis & documentation
* Test automation (coding + testing)
* Documenting the test results
* Co-ordination with external team members for cross-platform testing
* Raising, re-testing, and closing the bugs in JIRA
* Leading a team of 5 members
* Task allocation and tracking the project.
* Presenting the status reports to managers

**Project: Bill Payment** (XM Software Solutions Ltd. - Apr 2013 to Sep 2016)

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| **Client** | **:** | UAEEXchange, UAE | **Testing Approach** | **:** | Manual + Automation  |
| **Tools Used** | **:** | QTP, X Projects, Sybase & SOAP UI | **Role** | **:** | Test Engineer |

**Description:**

 Bill Payment is a cash collection service on behalf of other business firms like banks, mobile operators, Airway services and so on. The customer of the business firm will pay the amount – which may be credit card payment due or mobile/television bill, etc. in any one of the UAE Exchange outlets. This service is enabled across all the branches of UAE Exchange globally.

**Roles & Responsibilities:**

* Understanding business requirements and maintaining query log
* Preparing test cases with positive and negative scenarios
* Test automation with QTP
* Knowledge of iOS and macOS internals is a plus
* Executing test cases for both functional and regression testing
* Database query planning & testing
* API testing with SOAP UI
* •  Utilized Python-based testing frameworks and tools, such as PyTest, Unittest, Robot, and Allure, to perform functional, regression, and integration testing of ETL processes.
* Used Python to develop and execute ETL test scripts for various data sources and targets, ensuring data accuracy, consistency, and availability
* Logging the defects in X Projects and verifying that the fixes were working as expected.
* Preparing test summary and documentation
* Coordinating with stake holders for completing UAT

**Project: GOLD Loan Management in UK** (XM Software Solutions Ltd. - Apr 2013 to Sep 2016)

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| **Client** | **:** | UAEEXchange, UAE | **Testing Approach** | **:** | Manual |
| **Tools Used** | **:** | X Projects, Sybase | **Role** | **:** | Test Engineer |

**Description:**

 Pawn broking is a service that allows securing an instant cash loan against jewelry or other valuables. The service is for UK operations where loans are issued against gold to customers.  System will have a provision to set up, issue, pay back, sale and close / cancel the gold loans.

**Roles & Responsibilities:**

* Understanding business requirements and maintaining query log
* Preparing test cases with positive and negative scenarios
* Executing test cases for both functional and regression testing
* Database query planning & testing
* API testing with SOAP UI
* Self-driven and independent worker.
* Logging defects in X Projects and verifying that the fixes are working as expected.
* Preparing test summary and documentation
* Coordinating with stake holders for completing UAT

**Project: GO Cash Card** (XM Software Solutions Ltd. - Apr 2013 to Sep 2016)

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| **Client** | **:** | UAEEXchange, UAE | **Testing Approach** | **:** | Manual |
| **Tools Used** | **:** | X Projects, Sybase & SOAP UI | **Role** | **:** | Test Engineer |

**Description:**

 Go Cash is a traveler’s card to those who are travelling to other countries. This is a prepaid card system from Electra Card Services (ECS) which is one of UAE Exchange’s beneficiaries. The travelers can load money with single or multiple currencies and can travel to the foreign countries of the respective currencies loaded in the card. These cards can be utilized for withdrawal of money and for shopping.

**Roles & Responsibilities:**

* Understanding business requirements and maintaining query log
* Preparing test cases with positive and negative scenarios
* Executing test cases for both functional and regression testing
* Logging defects in X Projects and verifying that the fixes are working as expected.
* Preparing test summary and documentation
* Coordinating with stake holders for completing UAT
* Used Python to develop and execute ETL test scripts for various data sources and targets, ensuring data accuracy, consistency, and availability

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