**Aliza Khadka**

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**SUMMARY:**

* More than 5 years of experience in the IT industry with emphasis on Quality Assurance (Manual testing, automation testing and Overall Test Management of) in both **backend and front-end testing** including **mobile testing** in Banking, **e-commerce and Healthcare Companies.**
* Excellent **Banking domain** knowledge Home loans, Credit Cards.
* Work experience of **Insurance, web application and e-commerce.**
* Extensively worked as a QA Analyst in Web applications, Client Server Applications and Database Systems for different software domains.
* Hands on experience in agile and waterfall methodologies.
* Extensive experience in creating frameworks from scratch level.
* Good experience on testing **mobile applications** using **Appium** in both **IOS and Android** applications using **simulator and emulator**.
* Experience maintaining test Script in **Visual Basic.**
* Experience in Automation testing using **Selenium RC/WebDriver/IDE** (Functional & Regression Testing), **TestNG**, **Maven**, **Hybrid Framework**.
* Experience in writing test cases using Element locators, WebDriver methods, Java programming features and TestNG Annotations.
* Experienced in using **Maven** build tools to manage framework dependency jar files.
* Used TestNG Annotations in Selenium Web Driver and executed a batch of tests as TestNG suite.
* Performed **Web Services API Testing using SOAPUI** (**SOAP and REST** Protocols)
* Wrote WSDL to check data at various nodes using **SOAP UI.**
* Performed check of data coming in and going out from nodes using **SOAP UI.**
* Involved in testing end-to-end ETL process, DWH applications and SQL Queries for data validation.
* Expertise in manual tools HP ALM, Quality Center for Configuration Management and Defect Tracking.
* Extensive expertise in System analysis, Test Planning, Test Execution and Result Analysis in System testing, System Integration testing and **UAT** phases of Software testing life cycle & SDLC.
* Experience in Backend database testing to validate the data using complex SQL queries.
* Trained colleagues on necessary process and product modifications.
* Co-ordination with the development team for unit testing, System Integration Test, and User Acceptance Test
* Experienced in Black Box, White Box, Smoke Testing, Sanity, Integration, Regression, Functional, Front End and Back End Testing.
* Experience testing and automating **Salesforce** Functionalities.
* Tested and wrote queries on **Salesforce CRM** tools workflow for regression testing and cross browser testing.
* Worked with Service Cloud Technology and infrastructure integration f.
* Expertise in Automated Testing using Selenium using **WebDriver (Chrome, Firefox, IE)**
* Expertise in Setting up environment for Selenium using **Eclipse.**

**TECHNICAL COMPETENCIES**:

* **Testing Tools**: UFT, Selenium Web driver/IDE, Junit, Cucumber, TestNG, LoadRunner, and QAF.
* **Programming Language**: C, C++, Java, SQL, XML, Python
* **Scripting language**: VB script, Java Script, Groovy Script
* **Defect Tracking tools**: Bugzilla, JIRA, TFS, HP ALM
* **Testing Methodologies**: Agile Scrum and Waterfall
* **Web tools**: HTML, CSS, Java Script, XPATH
* **CI/CD tools**: Jenkins
* **Cloud**: Salesforce
* **Management Tools**: Maven, GIT, Big Bucket
* **Others**: MS project, MS word, Excel, SharePoint, MS Team, PowerPoint, GIT, Bitbucket, Appium, ML, JIRA, Rest Assured, SQL server, Visual Basic, AI, MS access, JMeter, Rest assured

**Education:**

Bachelor of Science in “**Business Administration & Information Technology**” from Southern New Hampshire University, NH (USA)

Penmen Merit Scholarship Awardee

**Work Experiences:**

**Client: C & W services, Invaluable - MA June 2018 – Present**

**Role: QA Automation Tester**

**Responsibilities**

* Developed Automation scripts with **Selenium** **WebDriver**, **Eclipse**, **Java**.
* Experience on performance testing using LoadRunner
* Tested embedded software applications on **smartphones and tablets**.
* Implemented real device **mobile app** testing using **Test Object.**
* Used **GitHub as version** control.
* Used Performed services Testing for 3rd party services using **SoapUI (restful API).**
* Appium to facilitate mobile testing by creating **mobile Driver** class with the required Mobile capabilities.
* Worked on Integration of **Selenium RC/Web Driver** with existing **API** to test Framework.
* Automation using **Behavior driven development tools** and frameworks
* Developed Cucumber, Behavior Driven Development(BDD) framework with Gherkin.
* Used Maven to build the Project, SVN version control for Code repository and **JIRA** for Test Defects.
* Developed Data provider test data Objects for multiple test runs and captured Screenshots results.
* Tested and wrote queries on **Salesforce CRM** tools workflow for regression testing and cross browser testing.
* Developed selenium java automation scripts using **XPath** for complex situations.
* Developed Automation java code for CSV files load data validation.
* Tested data Web based application using Data Tables, Excel Sheets and Flat Files (data driven testing) using Selenium with Java
* Developed test scripts for keyword driven testing in Selenium by Database Queries based on functionality.
* Implemented **Page Objects framework and Hybrid framework** to represent Webpages
* Developing Test Plan, Test Cases, Test Scripts, Business Analysis, Gap Analysis, Test Defect Log, Test Case Checklist.
* Extensive work experience in Black Box Testing, White Box Testing, UI Manual testing, GUI Automation Testing, Integration Testing, System Testing, Regression Testing,
* Strong knowledge of **Software Development Life Cycle (SDLC),** Testing Methodologies and Techniques.
* Good experience **working with Off-shore team and updating them** about client requirements and updates.
* Analyze the Business requirements to formulate design and, document Test Scenarios and Test Cases.

**Environment:** Selenium WebDriver, Eclipse IDE, Maven, Salesforce, Bit Bucket, Cucumber, Gherkin, BDD, JIRA, API, Jenkins, TDD, XML, Agile, Appium, LoadRunner, SoapUI, REST, POSTMAN

**Client: eClinicalWorks, Westborough, MA April 2017- May 2018**

**Role: QA Automation Tester**

eClinicalWorks is a leading provider for health Insurance, information systems, including electronic medical records systems and community applications.

**Responsibilities:**

**Enrollment System**

* Ccommunications/enrollment system; on and off-line capabilities
* Customizable for employer plans, rates, and employee classes.
* Customizable to reflect employer benefit messages.
* Benefit plan presentations and simplified employee election process.

**Data and Reporting**

* Employee personal and benefit data verified and/or updated onsite.
* Enrollment data collected and stored in SELERIX/Benefits Selection

**Roles and Responsibilities**

* Analyzed the Business Requirements Document (BRD), developed Test cases and Test scripts for the application under test.
* Involved in testing various business rules User/Customer Functionality, Change Process.
* Created automation framework and test scripts using **Selenium Web-Driver** for multiple platforms and browsers testing.
* Executed the testcases including the salesforce for regression testing.
* Developed manual and automated test cases to validate RESTful API web service. Validation was performed using Postman and custom-written python scripts. Participated in internal and cross functional code and design reviews.
* Successfully performed manual as well as automated testing on application
* Effectively interacted with Business users/Physicians/RN /Management
* Implemented automation using **Selenium web driver, Java Selenium Grid, TestNG, Maven**
* Experience writing the test scripts **HP UFT** and executing them.
* Implemented **Page Objects framework and Hybrid framework** to represent Webpages
* Proven ability in developing **BDD scripts with Cucumber** and writing step definitions for behavior
* Login into **Salesforce** from selenium and executing the test.
* Experience using Load Runner for performance testing
* Experience with 21 CFR part 11
* Experience FDA validation with Enterprise Asset Management (EAMS)
* Coordinate in setting up the test environments
* Performing regular database testing for data validation
* Created test plans and executed test cases in an effective manner.
* Reviewed cross department deliverables, kept accurate record of errors and resolutions.
* Good Experience in a CMMI environment
* Extensively worked on QC, Soarian Financials, EMR (Electronic Medical Records) and Soarian Clinicals.
* Reporting and tracking the detected defects through **Jira.**
* In-depth research and analysis were performed on legacy systems to understand data mapping for reporting purpose.
* Actively participated in discussions and group sessions

**Environment:** XML, ML, Microsoft Office, JIRA, Windows, Java, API, SQL, UNIX, HTML, Oracle, AI, LoadRunner, VB script , java script

**Client: SEI Global - OAKS, PA Oct 2015 -March 2017**

**Role: QA Manual/Automation Tester**

SEI is a leading global provider of investment processing, investment management, and investment operations solutions. Worked on the company’s financial application including mobile apps to manage investments, including mid layer of CTM (control Trade Manager), various data sources.

**Responsibilities:**

* Tested company’s investment application by writing manual test cases for Portfolio Manager side, Control Manager and Broker Side.
* Tested the data, messages from and into the application at various levels to check integrity of data leaving and getting into the application.
* Identified mobile elements using **Appium Inspector, UI Automation Viewer.**
* Checked various web services by using web services testing – JIRA.
* Designed automation scripts from scratch using Selenium with Java
* Tested application automatically by using TestNG with Selenium.
* Tested various reports both manually and automatically using UFT.
* HR reports and payroll management reports were tested.
* Used various web drivers from testing application in Chrome, IE.
* Drove implementation of test process, and tools for a new Client Reporting and Client Lifecycle Management vendor software implementation including test strategies and test and plans.
* Provided management and vendor with analysis reports and recommendations.
* Wrote test cases and extensively executed them both manually and automatically for checking
* Wrote SQL Queries for data validation.
* Wrote backend database testing using Complex SQL queries.

**Environment:** JIRA, UFT, Selenium, Excel, JAVA, XML, VBScript, Eclipse, TestNg, SQL, Appium, Cucumber, QAF

**Client: C****itizen Bank – Cincinnati, Ohio Jan 2015– Sep 2015**

**Role: QA Analyst**

The Project was on Desktop lockbox deposit application and testing the web.

**Responsibilities:**

* Reviewed Business and functional requirement documents and detail design documents.
* Performed ambiguity reviews of business requirements and functional specification documents.
* Wrote test cases to implement Desktop Lockbox Deposit (DTLD) and Remote Desktop capture (RTC).
* Conducted System Testing, GUI Testing and Cross Browser compatibility testing during the releases and interacted with the developers to resolve any technical issues.
* Participated in requirements review with analysts and development teams.
* Generated weekly reports to track test planning and overall test management
* Worked in Agile work environment for some assignments
* Implemented **Page Object Model** Automation framework with **Java**, **Selenium WebDriver** and **Cucumber**.
* Assisted the team by providing automation strategies in **Selenium**/**Cucumber** **Automation** and **JIRA** reports.
* Prepared Test Plans, Test Scripts and Test Cases based on functional specifications and user requirements.
* Used TestNG Annotations in Selenium Web Driver and executed a batch of tests as TestNG suite.
* Created and executed Selenium test script suites using **Selenium** **Web** **Driver**.
* Developed and maintained automated regression test cases in **Selenium WebDriver** using Java programming language and **JUnit** Framework.
* Performed Data driven testing using Selenium WebDriver, JUnit functions and JDBC Connections which reads data from scripts using property and XML files.
* Designed and Developed **UAT Regression automation** script and Automation of functional testing framework for all modules using **Selenium WebDriver**.
* Performed **Back-End Testing**, database table manipulations of relational database systems by writing complex SQL queries manually.
* Created **Data Driven scripts** for adding multiple customers, checking online accounts, user interface validations, reports management, etc.

**Environment**: Java, Selenium WebDriver, JavaScript, JUnit, Quality Center, JIRA, Eclipse, XPATH, HTML, CSS, JIRA