**SABINA KARKI Sr QA Engineer** 917-544-4024

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**PROFESSIONAL SUMMARY**

* Over 7 years of experience in the field of Software **Quality Assurance Testing** with proficiency in both **manual and automation testing** of **UI/Web**, **Mobile (Web)**, **Web Services/API testing**, **iOS and Android** using **Java and Selenium WebDriver.**
* Expertise in **backend testing** and **database testing** using **Client/Server**, **IBM Mainframe, DB2** and **SQL server**.
* Good experience in writing and executing **SQL queries** to perform data validation and back-end testing of databases to check the integrity of data.
* Excellent understanding of **Software Development Life Cycle SDLC)** and **Bug Life Cycle** from project definition to post-deployment documentation.
* Worked with both **Waterfall and Agile** Development Methodologies.
* **A** **team player** for **designing** and **developing** strategic **Test plans**, **Test Scenarios**, **Test Cases/Test Scripts** based on user and system requirement documents.
* Expertise in different types of testing like **Functional, Regression, System, Usability, Back-End and User Acceptance** of web and mobile applications.
* Extensive experience in tracking bugs using Bug tracking tools such as **Quality Center** and **JIRA** as well as expert in the administration of the project activities with QC and JIRA.
* Hands on experience in executing test scripts with tools and technologies such as **Java, Selenium WebDriver/IDE/Grid, JUnit/TestNG, ANT, Maven, Jenkins, Quality Center and SOAPUI PRO**.
* Automated scripts using **Data Driven and Page Object Model (POM)** frameworks with Selenium WebDriver and TestNG.
* Sound knowledge of **Maven** for project builds management and **Jenkins** for Continuous Integration.
* Proficient in performing automation testing using Mercury tools like **UFT (QTP**), **Load Runner**, **ALM (Quality Center).**
* Automated the features in the application using **Node.js** on **Appium-java-selenium** based framework.
* Created tests for iOS and Android with **Appium** and executed them on devices and emulators.
* Responsible to execute UAT for every build on different test environment setups for both backend APIs and GUI testing using Python and Selenium.
* Experienced with **SOA, Web Services – SOAP, RESTFUL, and WSDL**.
* Proficient in testing Web Services using SOAP UI as well as **Postman, JMeter and Rest Assured API.**

**SKILLS SUMMARY:**

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| **QA Methodologies** | SDLC, Waterfall, Agile |
| **Testing Tools and API** | Selenium (IDE/RC/ WebDriver/ GRID), Maven with JUnit/TestNG/Page Object Model, Appium, Node.js, Load Runner, XML Output Extractor, Debugger, XML Spy, Firebug, Post Man, Jenkins, SOAP UI and Restful Services, Log4J, POI, Cucumber BDD, Rest Assured, Rest API |
| **Reporting Tools** | HP- Quality Center and JIRA |
| **Languages/Scripts** | Java, SQL, HTML, JavaScript, XML, Ruby, Python, VB Script |
| **Web Service Testing Tool** | Rest Assured, Postman, RESTful**,** SOAP, SOA Test tool. |
| **MS-Suite** | MS-Word, MS Excel, MS-Project, MS Outlook, MS PowerPoint |
| **Databases & Tools** | DB2, SQL Server, MySQL, Oracle, AQT |
| **Build/CI tools:** | Ant, Maven, Jenkins |
| **Versioning Tools**: | Sub Version (SVN) and GitHub |

**PROFESSIONAL EXPERIENCE:**

**Capital One, San Francisco, CA (Jul 2015 to present)**

**Sr. QA Engineer-Manual/Automation**

**Description:** Capital one bank is a financial services corporation, manages a large volume of mutual funds and other financial services, providing expert advices on investment, wealth management, retirement services and securities execution to the various financial investors.  
   
**Roles and Responsibilities:**

* Extensively participated in all stages of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) using **waterfall** and **agile** methodologies based on the projects design and the requirements.
* A team player for test planning, designing, creating test cases and executing them along with logging bugs and tracking them.
* Designed, developed, executed and maintained automation testing codes using **Java, Selenium WebDriver and Maven with TestNG** on a **Page Object Model** for functional and regression test cases.
* Performed backend testing manual by using **IBM Mainframe/DB2**.
* Used **QTP/UFT Descriptive Techniques** and automated cases to create test data for backend testing.
* Performed different types of testing like **Functional, Regression, Back-End and User Acceptance**.
* Used **SOAP UI** tool to test SOA based architecture application to test SOAP services and REST API.
* Used **SQL Queries** to for the data validation from the DB2 database.
* Used **JIRA** for working on User Stories and defect tracking on an **agile** and a **Quality Centre** for maintaining cases and bug tracking on a **waterfall** methodologies.
* Developed the manual test cases in Excel sheets and migrated them from Excel to ALM using the ALM Excel Add in.
* Configured & customized ALM to suit business needs with respect to Requirements, Test Plan & Defect Module.
* Organized Walkthroughs for test plan/strategy review and status update meetings.
* Co-originated with various team for managing defects calls and resolving the issues.
* Involved in defects retesting along with end to end testing on production releases.
* A self-starter, a team player and always been able to plan and execute complex tasks scenarios.

**Environment**: Java, Selenium WebDriver, Page Object Model, TestNG, Maven, Jenkins, Apache HTTP Client, UFT, Mainframe, DB2, SQL, JXL, Log4j, Jason, SOAP UI, Agile, HTML, XML, XPath, Web Services (SOAP & RESTFUL), JavaScript, Quality Center, JIRA, Windows, Chrome

**Weight Watchers, Manhattan, NY (Dec 2014 to Jun 2015)**

**Sr. QA Engineer-Automation**

**Description:** Weight Watchers is an American company that provides the various products and services to guide in weight control, loss and maintenance.   
   
**Roles and Responsibilities:**

* Performed mobile application automation for **iOS** and **Android** using tool like **Q-metry Automation Studio (QAS), Node.js and Appium**.
* Designed test cases by reviewing required documents and communicating with business project managers.
* Performed mobile testing in different platforms like Android and iOS with **selenium BDD** scenarios.
* Used **TestNG**/**Java** automated testing to test new and existing functionality with QAS.
* Created Automation Testing Framework for **Mobile Application** Testing with **Appium** and **Robotium** in **Java/Selenium** on an **eclipse IDE**.
* Created a single huge shared object repository for all the different modules by using the Object Repository Manager in **QTP/UFT**.
* Adopted the Descriptive Techniques of QTP scripts for maintainability and extensively used the QTP/UFT scripting to create the actions.
* Set up and configured mobile devices software **emulators** using **Android SDK** and **X-Code**.
* Involved in Mobile Tracker application’s enhancement features **functional** and **regression** testing.
* Identified, documented and assisted in resolving all defects related to test execution.
* Located defects and logged them into **HP Quality Center**. Involved in retesting defects.
* Communicated and worked extensively with business project managers, developers and senior technology officers to clarify high-level requirements, resolve issues and address defects.
* Participated in all test status and stand up meetings to discuss open issues and provide updates.

**Environment:** Agile, Unified Functional Testing (UFT)11.0, Quality Center 9.0, Cucumber with JVM FWK

VB Script, XML, Appium, Robotium, Java Script, JDK, Selenium WebDriver, HTML, Mozilla Firefox 3.0, UNIX, Windows,  TestNG, Maven, Jenkins, BDD, Cucumber.

**Sr.QA Engineer-Automation (Nov 2012 to Nov 2014)**

**BMO Financial Group, Chicago, IL**

**Description**: BMO Financial Group is a highly diversified financial services organization, providing consumers with a broad range of retail banking, wealth management, and investment banking products and solutions. BMO serves more than 12 million personal, commercial, corporate and institutional customers in North America and internationally. BMO Financial Group launched a comprehensive data migration project from Oracle CRM on demand to Salesforce for their Private Bank Group, which consisted of 600 users. This project required overall data migration, integration, and functional testing on the Oracle CRM and Salesforce applications within a short timeframe.   
   
**Roles and Responsibilities:**

* Designed test plan and cases by reviewing required documents and communicating with business project managers.
* Performed mobile application automation for iOS and Android using tool like Appium and Ruby.
* Created and executed performance scenarios for benchmarking to optimize JVM and Application configuration.
* Performed the mobile testing in different platform like Android and iOS.
* Conducted process quality improvements and lead test process improvement teams chartered
* Used Ruby automated testing to test new and existing functionality.
* Used the REST Client tool for testing a RESTful web service and verifying methods return acceptable data.
* Executed the validated Python scripts of a Stability Rack on a python framework
* Developed automation test suite within Microsoft Excel/QTP
* Contributed to the functional automation suite for BMO Financial Group features for sanity, smoke, and regression runs using Ruby and Selenium.
* Used VB Script automated testing to test new and existing functionality with Mobile Perfecto, QTP and QC.
* Created Automation Testing Framework for Mobile Application Testing with Appium and Robotium in Java.
* Used Selenium and Appium created test automation for mobile application in eclipse IDE.
* Set up and configured mobile devices software emulators using Android SDK and X-Code
* Involved in Salesforce feature enhancement testing for Private Bank users.
* Involved in data migration and validation testing of Oracle CRM and Salesforce using data mapping and transformation rules.
* Reviewed the manual test cases in Excel sheets and migrated them from Excel to ALM using the ALM Excel Add in.
* Used Rest services, xml using Perl scripts in backend.
* Configured & customized ALM to suit business needs with respect to Requirements, Test Plan & Defect Module.
* Identified, documented and assisted in resolving all defects related to test execution.
* Performed black Box testing and conducted Functionality and Mobile testing on various phases of the Management software.
* Designed test harness for Appium and Python page object like integration test frameworks.
* Located defects and logged them into HP Quality Center. Involved in retesting defects.
* Communicated and worked extensively with business project managers, developers and senior technology officers to clarify high-level requirements, resolve issues and address defects.
* Participated in all test status and stand up meetings to discuss open issues and provide updates.

**Environment:** Agile, Quick Test Pro 8.0, Quality Center 9.0, XML, Appium, Ruby, JDK 1.5, SOAP UI 2.x, J2EE1.3, Selenium RC, HTML, SOAP UI 3.0, Ruby, Cucumber with JVM FWK, Web Services, Apia, SQL Oracle 9i, Mozilla Firefox 3.0, UNIX, Windows, Python, REST Client, RESTful, SOA

**QA Engineer (Jan 2011 to Nov 2012)**

**SunTrust Bank, Atlanta, GA**

**Description**: SunTrust Bank in one of the largest financial services company with operations like Personal Finance, Consumer. Banking, Commercial Banking, etc. As a Test Engineer, I was involved in testing the Image Analysis/ Image Retrieval System which is a web interfaced Java J2EE based application and is accessed via bank intranet to retrieve and see the images of all the captured checks, documents, statements, notices, deposits etc. This application helps bank associates in banking centers, call centers, and multiple other departments to retrieve a different image based on the customer enquiry.    
   
**Roles and Responsibilities:**

* Prepared test plan, scenarios & test cases, execution, traceability matrix, Bug analysis and Reporting using ALM/HP Quality Center.
* Reviewed the requirement document and wrote detailed Test Cases by referring requirement documents, High level design document and User interface specification.
* All the Ruby scripting done using cucumber framework. Wrote and executed SQL queries to verify the data updates to various tables and ensure data integrity.
* Utilized exploratory as well as automated testing leveraging page objects with Appium and Python.
* Worked on Linux platform to test functionalities of the mobile (web) application.
* Reviewed the Test Cases developed by the peers, attended the Test Case review meeting and with BA and fellow testers as per the review comments updated the Test Cases.
* Prepared the Requirement Traceability Matrix (RTM) based on the requirements.
* Extensively participated in performing Functional Testing, Integration Testing, User Acceptance Testing and Regression Testing.
* Logged and tracked defects in Quality Center/ALM that include business impact and track testing progress.
* Reported bugs, communicated notifications to the developers using defect tracking tool Quality Center/ALM.
* Validate and modify the Python scripts for Stability Rack to make them compliant with the changes being introduced in the software or UI.
* Used Python to launch QTP scripts from command line for continuous integration testing.
* Created scripts in Load Runner using web, Restful web services.
* Designed automation testing framework by using Ruby and Cucumber for various project and following Agile, reducing manual efforts in testing by 50%.
* Documented the defect with enough details like reproducible steps, data used for testing, expected result, actual result, severity, screenshot, detailed description etc. in Application Life Cycle Management Tool.
* Participated in daily scrum meeting with Developers, Business Analysts and fellow testers to update project status and defects.
* Performed SOA testing for Payments API's using Restful Web Services testing.
* Interacted closely with Developers, Business Analysts and Database team while resolving major and critical defects.
* Attended the change request meeting and documented the Test Cases for Change Request.

**Environment:** Agile, QTP, QC, Java, J2EE,Appium , Ruby, Oracle database, Perl, UNIX, Python, Windows OS, XML, ALM 11.5, Quick Test Professional.

**QA Analyst/ Tester (Jun 2010 to Dec 2010)**

**DBA INC, Chicago, IL**

**Description**: DBA provides specialized web-based, self-service data management solutions for print and online ad management for marketing media companies of all sizes. DBA also provides a range of marketing services including SEO and inbound marketing services via online content creation and distribution, website development, and organic search marketing. Salesforce was a replacement of existing in-house applications. Lead Storage, Search Filters, and Policy Fulfillment applications replace some functionality of in-house applications. DBA also created a new website where existing staff can access their content management platform or by downloading a mobile app. Mobile app was tested on Android,   
   
**Roles and Responsibilities:**

* Involved in Restful Web Services Testing using SOAP UI tool. Validated request and response XML.
* Involved in creation of manual test cases by reviewing requirement documents.
* Involved in creating scenarios for generating policy kits for different Ad programs.
* Involved in integration and system testing of Salesforce Application.
* Run automated ruby scripts on a Linux machine.
* Generated detailed bug reports, pass-fail reports and comparison charts using Quality Center/ALM.
* Created an automation framework in Watir and Ruby.
* Involved in security testing of Salesforce application for different roles within company.
* Involved in testing reports by writing SQL queries to the database.
* Defects logged in Quality Center and involved in retesting the defects.
* Worked with business analysts and developers in resolving the issues.
* Created test cases for UI and functionality validation of content management programs.
* Tested estimates are provided to team lead as required.
* Attended meetings with the team to discuss issues and provide status.

**Environment:** Web service Testing, Ruby, JavaScript, XML, Toad, SOAP UI, Win XP, Perl, Quality Center, QTP, VBScript, Linux, Windows