**SABINA KARKI**

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***Sr. QA Mobile Application Test Lead***

**SUMMARY**

* Over Seven Plus years of experience in Software Quality Assurance & Testing on diversified projects in Banking & Media domain.
* Experience in Manual & Automation test case execution, defect tracking, test plan/test case creation and management, and requirements analysis.
* Extensive knowledge of **SDLC** (Software Development Life Cycle) and **STLC** methodologies.
* Experience in working with Windows, Client-Server, Web based as well as Mainframe related applications
* Experienced in developing **Test Plans and Test Cases** for different types of software testing.
* Proficient in both Manual and Automated Testing Tools such as HP ALM/**QC,** QTP, Win Runner,
* Hands on experience working with different modules of **ALM/Quality Center** such as Requirements, Release, Test Plan, Test Lab, Test Cycle, Defects and Dashboard.
* Self-driven team player with excellent communication skills, strong analytical and reasoning skills abilities.
* Experience with **Mobile Compatibility testing and Mobile application testing – iPhone, Android, iPads/ Tablets, Windows phones using Simulator” Device anywhere".**
* Good experience in **Web Services** testing using **SOAPUI, XML, & WSDL.**
* Extensive experience with automation tools such as **HP Quality Center/ALM, HP QTP (Quick Test Pro) / UFT (Unified Functional Test),** HP Load Runner, Selenium, Eclipse, Intellij, MS Visual Studio, SoapUI & Rest (Web Service) and Ruby Watir **Cucumber** RSpec Capybara **Calabash**.
* Extensive experience in Enterprise applications testing on **IOS & Android Devices.**
* Knowledge in mobile technologies like **GSM, CDMA, 3G, WAP** applications.
* Experienced in various types of testing including **Sanity Testing, Smoke Testing, Functionality Testing,** Performance Testing, Volume Testing, Unit Testing, Integrated Testing, **System Testing, Positive and Negative Testing, Security Testing,** Stress Testing, Load Testing and Regression Testing of Stand alone, Web Based and Client-Server applications.
* Performed Back End Testing by executing **SQL** queries.
* Expert in creating Test Automation framework for Mobile Applications using Calabash, Cucumber, Ruby and for UI Web Applications using Cucumber, Ruby, Java, Selenium.
* Strong hands on experience in writing, planning, executing and maintaining test cases using **HP Quality Center**, **JIRA**, **Bugzilla**, **Test manager**, excel document and developing Test Automation Scripts using Quick Test Pro (**QTP).**
* Extensive experience using manual testing to troubleshoot systems integration, GUI, Compatibility, User Acceptance Testing (UAT), SOA Testing using web services, functionality, Database and regression testing. Good Expert on Tools like HP ALM QTP, Quality Center
* Involved in maintaining **Test Matrix and Traceability Matrix** and performed **Gap Analysis**
* Performed **User Acceptance Testing (UAT)** manually.
* Participated in design walkthroughs and verified **QC Test Scripts** and results.
* Experience in creating various types of **reports** during **test execution process** such as Test **Execution Status/Summary.**
* A team player with analytical, problem solving, presentation, and interpersonal skills with ability to manage, coordinate and work independently in a time sensitive environment.
* Excellent communication skills and a quick learner of new skills.

**TECHNICAL SKILLS:**

**Product/Testing tools:** Quality Center, Quick Test Professional, HP (Mercury Quality Center) UFT11.5 (Unified Functional Testing).ALM (Application life Cycle Management) Win Runner, LOAD RUNNER.SOAPUI, Rational Clear Quest, and JIRA, CLEAR CASE, SHARE POINT,SVN.

**Languages Environment:** SQL, PL/SQL, SQL Developer, Visual basic, Java, J2EE, REST, JavaScript, AJAX, HTML, DHTML, XML, NET, C, and C++

**Operating System:** Windows Vista, WindowsXP, Windows2003/2008r2 Server, Windows7, and Unix/Linux.

**Other Tools:** MS Office , MS Project, SQL, PL/SQL, SQL Developer, Oracle, TOAD for Oracle, for SQL Server, Java, JavaScript, Java Applet, QTP 9.0, QC 9.0, HTML, DHTML, XML,.NET,MS Visual Source Safe Open Source Tools. MS Word (2007), Excel, Oracle 11g.

**Web Browser:** Internet Explorer, Netscape Navigator, Mozilla Fire Fox, and Safari.

**WORK EXPERIENCE**

**American Honda Motor Co. Inc, Torrance, CA Jan-13 – Till Date**

**Sr. QA Mobile Application Tester/Lead**

Honda Motor Company, Limited is a Japanese public multinational corporation primarily known as a manufacturer of automobiles and motorcycles. As part of the project, I was responsible for testing Honda Link App and Acura Link Connect App. These apps are cloud-based technology that enables consumers to connect personal music, social media and other services inside the vehicle through their smart phone.

**Responsibilities:**

* Developed Test Cases and Test Plans to test the functionality of different modules based on Business Process Requirements.
* Worked with Business Analysts, Functional and Technical experts to understand the business processes.
* Involved in development of a Traceability Matrix to ensure good test case coverage.
* Participated in Test Case Review meetings with the business analysts and development team members to ensure that there are no gaps.
* Performed Manual Testing for complex end-to-end scenarios.
* Performed Functional Testing, Integration Testing, Regression Testing, System Testing, Smoke Testing, Cross platform testing and Negative Scenario testing.
* Performed application testing on iOS (6.1.4, 6.1.3, 5.1.1) and Android (Jellybean 4.1.2; Honeycomb 3.2) on both CDMA and GSM devices.
* Checked Log files to analyze errors experienced during testing.
* Writing feature files using Cucumber and implementing step definitions in Ruby with selenium web driver using selenium page object model.
* Used iPhone configuration tools for extracting the logs in iPhones.
* Performed Manual and Automation Testing for the Web services using SOAP UI PRO and validated the functions.
* Tested responsive and adaptively designed pages on mobile browser and on native apps.
* Used Selenium Performed Integration, Regression, and Database testing.
* Developing Scripts for UI automation using Merlot frame work which is developed using Cucumber and Ruby with selenium web driver.
* Participated in automated test case creation and debugging for the mobile web browsers using Selenium Web Driver.
* Used Android SDK tools such as ADB Logcat and DDMS for identifying software defects in android phones.
* Uploaded Test Cases to Quality Center manually.
* Also executed IOS & android automation scripts using Calabash.
* Collected quality data for project metrics. Tested some of the functionalities such as HSN store gift card, credit /debit card authorization,checks, tracking sales and inventory on POS system. Used third-party processors such as First Data Corporation to provide a non-exclusive basis payment processing and transmittal, transaction authorization and data capture services, and access to various reporting tools.
* Work in Agile, scrum, and sprint environment in order to change the requirements and features set.
* Performed compatibility testing with various iOS and Android mobile handsets to ensure that functionality works fine.
* Running Selenium automation scripts, maintaining and updating the scripts according to enhanced requirements.
* Used HP Quality Center to manage test requirements, test cases, test plans, and defects.
* Identified, Reported and Tracked Defects using Quality Center test management tools.
* Carried out Integration testing and regression testing before subsequent releases so as to ensure that basic functionality is intact.
* Reported to the onsite QA manager daily with the status and achievements.

Environment: Android and IOS mobile devices, HP Quality Center(QC)/ALM,SQL Server, JAVA, J2EE, REST, AJAX, XCode, JIRA, Appium, WinSCP, J2EE,  QTP, Selenium, Cucumber, Agile, Web services, Android and Windows mobile OS 7, Calabash, Blackberry OS, UNIX

**Santander Bank, Boston, MA Aug 11 – Dec 12**

**Sr. QA Mobile Tester**

Santander Bank (formerly Sovereign Bank) is a leading financial services company in NA. **The project ‘Mobile Wallet’** is related to **Mobile App** developed for the clients for managing their debit/ credit card account from anywhere 24/7. Client’s personal information is protected by advanced encryption technology to help prevent unauthorized access. Modules were distributed among account access, security, account summary and details, transfers, Bank/ ATM locations, FAQs and Help section.

**Responsibilities**

* Analyzed Business Requirement Specifications and System requirement specifications.
* Tested device’s Firmware to test the functionality on Telephony and Touch screen drivers.
* Review of functional test cases for QA functional testing.
* Coordinated with the offshore team for test related activities and updates and reported to lead & QA Manager.
* Extensively utilized Requirements, Test Plan, Test Lab and Defects Modules of Quality Center during STLC.
* Implemented automation for memory leak testing using Xcode Instruments and See test tool
* Tested web pages to display the account transactions and details pertaining to that account using DHTML and CSS.
* During the testing activities used Android SDK, ADB shell for keep control and interface with physical Android devices
* Performed browser compatibility and configuration testing on various operating systems such as Blackberry OS, Android OS, and iOS etc.
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* Wrote UI and functional test cases from scratch for the development of the Remote Deposit Capture based on the behavior of each device iOS and Android.
* Participated in Integration Testing and coordinate with other teams to check the GISMO updates in other applications like POS, Middleware and Ecommerce.
* Prepared Test strategy and Test Plan for each Release cycle along with the UAT test plan.
* Wrote test cases for data analytics from scratch making sure that all the analytics tags are being passed on the Cloud.
* Worked with web service validations at different points in the app wherever the web service calls are being made.
* Work in Agile, scrum, and sprint environment in order to change the requirements and features set.
* Prepared automated scripts for Maintenance and Regression testing using QTP.
* Wrote scenarios and scripts for different Project Change Request (PCR) and PL’s (Patch Level) along the project progression.
* Tested the UI of the end product on mobile devices, iPad, tablets on Android and iOS platforms to ensure that language translation and currency conversions were displaying as required
* Worked with end users to generate UAT scripts and to successful completion of UAT testing.
* Use of Cat log for Android and iOS Configuration Utility tool for capturing and gathering backend data log and sending it to the developers to catch defects and crash issues.
* Enhanced Test Automation of new products and features using selenium Webdriver and Test NG.
* Analyzed the Batch Process, Work-flow behavior and SOA/ Web Services testing using SoapUI.
* Used JIRA for bug filing and bug triage.
* Progression and Regression testing in all the regions; System Integration Testing (SIT), Business Acceptance Testing (BAT) and Productions Acceptance Testing (PAT).
* Defined test automation strategy and test scenarios, created automated test cases, test plans and executed tests using Selenium WebDriver, TestNG and JAVA.
* Used Jenkins server to run Junit/Cucumber Automated tests.
* Performed Mobile automation testing using Appium for native and Hybrid application to automate the process.
* Negative and Positive testing of Web services on the UI level making sure that it is fetching the correct data.
* Used XCode organizer to monitor crashes during test and report crash logs.
* Identified defects and Reported through Jira.
* erformed Regression, UAT, Integration, User Interface, GUI, and Usability Testing.
* Worked with Automation tem to create a regression suite with Selenium Webdriver.
* Monitored Proper allocation of defects as per their Priority and Severity and communicating it to the business in the project go-no-go calls.
* Involved in Test Estimates and metrics and circulated daily test dashboard to development team.
* Performed different types (Functional, UAT, Cross Browser etc) of testing on application to ensure that application was error free.
* Validating all the memo posts before the hard posting of transactions/deposits in the Host system.
* In Java, built and maintained a testing framework using Selenium Remote Control.  These tests are run before each release. Testing time is decreased by running simultaneously on multiple computers using Selenium Grid.
* Major part of the testing done on devices but also worked on browser level testing in different SIT, BAT and PAT environments.
* Participated in daily defect call and troubleshooting of issues with the developers.
* Involved in downtime tracking for all environment hurdles and keeping track of issues as per hours lost and script execution impact and communicating it to development team.
* Actively participated in Walkthroughs and Daily status report meetings.

Environment: HP Quality Center(QC)/ALM, Web services, Mobile Devices for iOS, Android and Windows mobile OS 7, Calabash, Blackberry OS, UNIX, SQL Server, JAVA, J2EE, REST, XCode, Cucumber, Agile, JIRA, Appium, WinSCP, J2EE, AJAX, QTP, Selenium.

**TD Bank, Lexington, SC Mar 09 – July 11**

**QA Mobile Test**

TD Bank is one of the leading banks of North America fulfilling its customer’s financial and banking needs. As a QA analyst, worked on the project **Mobile Remote Deposit Capture (MRDC**) for TD Bank. Currently the Bank has a Mobile App out in the market and is introducing the very popular MRDC feature to its app. MRDC gives customers the convenience to take a picture of a check from anywhere, anytime and deposit it through their mobile device. App being released for iOS and Android users; has various security layers being implemented by different Web services.

**Responsibilities:**

* Involved in preparing Test Plan and Test Cases based on business requirements.
* Created Traceability matrix to keep track of changes in requirement to that of the testing efforts.
* Identified high-level requirements for documenting detailed business requirements using
* Performed browser compatibility and configuration testing on various operating systems such as Blackberry OS, Android OS, iOS etc.
* Wrote UI and functional test cases from scratch for the development of the Remote Deposit Capture based on the behavior of each device iOS and Android.
* Used Mavento build and run the Selenium automation framework. Once the script got over, framework used to send the automation reports over email using continuous integration tool Jenkinsand version control sub version.
* Worked on the Mainframe system for data creation, validation and manipulation for MRDC testing.
* Manipulation of flags on the Mainframe system and validating the expected behavior in the UI.
* Worked on iOS, Android BlackBerry and Windows 7 devices for progression and regression testing.
* Wrote test cases for data analytics from scratch making sure that all the analytics tags are being passed on the Cloud.
* Worked with web service validations at different points in the app wherever the web service calls are being made.
* Worked on different versions of iOS , Android devices and Windows7 Phones.
* Prepared automated scripts for Maintenance and Regression testing using QTP.
* Executed the test scripts using Selenium validate the actual and expected results.
* Validate & wrote test cases based on business rules and documents like SRS, MCD, Wireframes, Visual Design, etc.
* Used Xcode to monitor, log and report defects to developers in iOS platform.
* Progression and Regression testing in all the regions; System Integration Testing (SIT), Business Acceptance Testing (BAT) and Productions Acceptance Testing (PAT).
* Negative and Positive testing of Web services on the UI level making sure that it is fetching the correct data.
* Used XCode organizer to monitor crashes during test and report crash logs.
* Performed device testing and also worked on browser level testing on different SIT, BAT and PAT environments.
* Participated in daily defect call and troubleshooting of issues with the developers.
* Involved in downtime tracking for all environment hurdles and keeping track of issues as per hours lost and script execution impact and communicating it to development team.
* Actively participated in Walkthroughs and Daily status report meetings.

Environment: HP Quality Center/ALM, SQL Server, JAVA, XCode, WinSCP, SOAP UI, J2EE,  QTP , Mobile Devices for iOS, Android and Windows mobile OS 7, Web services, Blackberry OS, AJAX, UNIX.

Windstream Communications, Little **Rock, AR Oct 07 – Feb 09**

**QA Analyst**

Windstream is a leading telecommunications & entertainment services co. which offers phone, broadband, and digital TV services in rural areas of 16 states in Central America. The project Device Management Services (DMS) was a user friendly interactive web application related to the server side of Customers home/ remote STB

**Responsibilities:**

* Developed Test Plan as per business requirements
* Extensively conducting Back-End Testing using which involves complex SQL Queries
* Testing Applications to ensure they comply with Business specifications
* Setting up projects in Test Director, writing test cases, executing them and performing bug tracking
* Attending daily defect meetings with Developers, Business Users and Management
* Working with Modus and XML files to simulate Home Delivery of Cable boxes and cards in QA
* Provisioned Cable boxes after each Release on customer’s outlets
* Run the scripts on multiple environments (QA, UAT and Production) to ensure that requirements were still met.
* Worked with the business team to perform Database testing of integrated IVR applications such as transfers, real-time reporting, web reporting etc. using tools like Test Director.
* Reviewed extensive SQL Queries with complex multi-table joins and nested queries.
* Involved in reviewing complex SQL queries, views, functions and stored procedures and spotting issues before/during code migration.
* Performed Backend testing for data validation using SQL Queries.
* Performed negative and positive testing using SQL Queries
* Debugged the Database for accuracy of data using Test Director.
* Using XML to simulate production timers / logic in QA
* Performing GAP Analysis to verify that test cases matches to the user requirement
* Participating in the team for User Acceptance Testing (UAT).
* Performed Integration testing, System testing and Regression testing.

**Environment: Windows,** QTP, Test Director, Web Logic, C, C++, MQ .Net, XML, HTML, Java, Oracle, SQL/PL, Java Script, Perl,