**SABINA KARKI**

**917-544-4024**

[**karki\_sabina@hotmail.com**](mailto:karki_sabina@hotmail.com)

**Sr.QA Automation Tester**

***PROFESSIONAL SUMMARY***

* Over 7+ years of experience in Automation Testing using Selenium framework, Core Java, Web Services Testing using SoapUI and Groovy Scripting.
* Experienced in Automation of Testing activity using QTP 11.0/10.0, Selenium IDE 2.0, and Selenium Web Driver API, Grid.
* Possess expert level of understanding of WSDL, XSD, Schema, DTD, XML documents for Web Services Testing.
* Efficient in implementing QA processes, establishing standards, procedures and methodologies.
* Proficient in developing/writing Software Test Plans, Test Case Design, and Test Scripts based on User Requirements, Specifications and System Requirements documents.
* Responsible for Analysis and Defect Tracking using HP Quality Center, Test Director, BugZilla, JIRA, IBM Clear Quest.
* Experienced in writing JUNIT Test cases for Java and J2EE applications.
* Experienced in software Analysis, Requirements Management, Quality Assurance, Configuration Management and Change Control.
* Experience in Black Box, White Box, and Grey Box Testing, GUI Testing, Regression testing, Ad-hoc, Silk, Selenium RC and Selenium Grid, Compatibility and Website Testing
* Very good understanding and experience on different POS platforms.
* Experienced in Testing of ETL, Data warehousing projects.
* Extensive working knowledge in Shell Scripting, Unix, Linux and Windows platforms.
* Proficient in implementation of Software automation, Testing (functional, acceptance, browser compatibility).
* Proficient in Black Box and White Box Testing, System Testing, Integration Testing, Regression Testing, End to End Testing and User acceptance testing.
* Experience in Bug Tracking.
* Experience in Medicaid/Healthcare applications and worked in all HIPAA versions and transactions like 4010 and 5010 270, 276, 837, 834 and 835 transactions.
* Experience in developing end to end automation using Selenium WebDriver/RC/IDE/Grid, Quick Test Professional, Junit/TestNG, ANT, Maven, Jenkins, Hudson, Jbehave, Cucumber, Web Services (REST, SOAP.
* Written Selenium Automation Scripts for Sanity and Regression testing.
* Extensive knowledge of HMO Medical Management Information Systems (MMIS), Health Insurance Portability and Accountability Act (HIPAA) standards, Electronic Data Interchange (EDI) and implementation of HIPAA code sets, ICD-9, ICD-10.
* Expert in creating SQL queries against Oracle, MS SQL server and DB2.
* Performed Backend Testing of the application by writing SQL queries and writing UNIX Shell Scripts
* Created complex SQL scripts and embedded them into the UNIX Shell scripts to automate the Back-End testing.
* Connected to SQL Plus in UNIX and created and executed complex SQL queries.
* Experience in web services testing using Service Oriented Architecture tools SoapUI.
* Experience in XSL, XSLT for formatting and displaying XML data on browser and familiar with XML Schemas.

***TECHNICAL SKILLS:***

|  |  |
| --- | --- |
| Automation Tools | Selenium, Web Driver,QTP, SOAP UI 3.5(WebServices) |
| Project /Test Management Tools: | HP Quality Center(QC) 8.x/9.x/10.00, Test Director 7.2, HP ALM |
| Programming/Scripting Languages: | C++ ,Java, SQL, HTML5, JavaScript,Perl,Python,Vbscript |
| Databases: | Oracle,MS SQL Server, MySQL and MS Access.,DB2 |
| IDE | Eclipse(Galileo, Kepler), |
| OS | Unix, Windows 98/ NT/XP/7 |
| Browsers | Internet Explorer, Firefox, Chrome, Safari |
| Unit Testing/Test Driven Frameworks | JUnit , TestNG , |
| Defect /Bug Tracking | JIRA, Bugzilla |
| MS Office Tools | MS Excel, MS Word, MS Project |

***PROFESSIONAL EXPERIENCE***

***Info crossing, Saint Louis, Missouri Jan 2013 - Present Role: Sr. Automation QA Tester***

***Description:***

This project involved creating the medical claim processing system and Facets for Aetna within MMIS (Medicaid Management Information System). It consisted of different modules like Claim Status, Eligibility Enquiry and Claim. This project also involved the maintenance of claims workstation that automatically handles the claims life cycle.

***Responsibilities***

* Conducted review sessions on regular basis with QA and development teams for preparing status, delivery report and client reporting for MMIS testing.
* Involved in developing selenium automation framework using Junit. Developed ANT targets to execute automation suites from command line.
* Prepared and Maintain test data to support the execution of the manual and automated tests.
* HIPAA 4010 - 5010 Conversion Analysis -Involved in documentation of HIPAA 5010 changes to EDI 837, 834, 835, 276, 277 Transactions.
* Created Automated Test Script using Selenium, which were used during the Functional & Regression Testing.
* Performed browser compatibility and Risk analysis.
* Worked on Medicaid Recipient processing including specialized knowledge of Recipient processing, Portals, and Enrollment Subsystems of MMIS.
* Designed, developed and implemented MVC Pattern based Keyword Driven automation testing framework utilizing Java, TestNG, and Selenium Web Driver.
* Coordinate with development team to assist root cause analysis to resolve the defects.
* Using JIRA for project management, defects tracking and reporting.
* Involved in testing HIPAA EDI Transactions and mainly focused on PA and Eligibility Transactions like - 270,271,276,278,834, 835, and 837.
* Involved in re- engineering of the EDI Gateway to assist in the development of HIPAA repository to process 5010 claims.
* Worked on distributed test automation execution on different environment as part of Continuous Integration process using Selenium Web Driver and Jenkins.
* The test team needs all the help it can get to effectively test the software and make sure that it meets quality expectations
* Maintain knowledge of current software testing tools and testing standards.

***Environment:*** Java**,** Selenium WebDriver, Jira, Junit, IDE, ANT, Eclipse, Windows NT/XP, HTML, XML, C++, Python, HP ALM, DB2, SOAP UI 3.5, Java script

***Medicaid Enterprise Restructing Project (MERP), Gaithersburg, MD May 2010– December 2012   
Maryland Department of Health and Mental Hygiene (DHMH)/CNSI***

***Role: Automation QA Tester***

***Description:***

Medicaid Enterprise Restructing Project (MERP) is designed for Maryland State Medicaid Management Information System (MD MMIS) It is a web based Medicaid system. This system manages the Medicaid and Medicare for the low-income people of Maryland State. The MERP system has Several Systems like Provider, Recipient, Claims, Benefits and Administration, Managed care, HIPPA, Financials, Prior Authorization, etc subsystems. Worked for the Recipient and Managed care which handles all the Recipient enrollment, Add new recipient, Payments related tasks which covers different types of payments like Prospective Payment, Recurring Payments, Manual & Pended Payments and Capitation Payments ect. I also worked on different modules of the Project like Provider, Reference and HIPPA (834 & 820) Transaction.

***Responsibilities:***

* Validated the reports and files according to HIPPA X12 enforced standards Worked on different 5010HIPAA EDI transaction and code sets including 278 (Referrals), 834 (Enrollment), 270/271(Eligibility), 276/277 (Claim status), 837 (Claims) 835 (Claims Payment) Batch and real-time (with MQ series used for real-time).
* Used HP Quality Center as a defect management tool to log defects and issues for a release.
* Used SQL Developer tool as a client to connect to backend Oracle Database for data verification.
* Used Eclipse IDE for unit testing using JUnit 3 framework for backed Java API for internal Unit testing environment.
* Participated in JAD sessions to ensure appropriate scope management for MMIS.
* Involved in executing JUnit Test Scripts in Hudson/Jenkins environment.
* Used Selenium Grid to execute multiple Test Scripts in multiple environments.
* Executed batch job scripts on UNIX environment for backend testing which processes multiple
* Responsible for gap analysis in changing oldMMIS and Involved in testing new MMIS.
* Involved in setting up SOAPUI project, creating multiple Test Suites, Test Cases for operations/resources in Web Services API Testing.
* Used SOAPUI Assertions to validate the response.
* Worked on setting project for REST and SOAP based Web services in SOAPUI.
* Performed White box and black box testing for Java Middleware and Web services projects
* Written Selenium Automation Scripts for Regression testing using Selenium RC in Eclipse IDE.
* Worked on various HIPAA X12N Standards like 270/271, 278In/ 278Out, 834 while testing various level of EDI Transactions.
* Created selenium based scripts using JUnit.
* Used JUnit Framework for creating Selenium scripts.
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
* Created Automated Test Script using Selenium, which were used during the Functional& Regression Testing.
* Experience with documenting Claims processing lifecycle and got good exposure of X12 834 transactions for HIPAA 4010.

***Environment:*** Java**,** Selenium WebDriver, Jira, Junit, IDE, ANT, Eclipse, Windows NT/XP, HTML, XML, C++, Python, HP ALM, DB2, SOAP UI 3.5, Java script

***Molina Health Care, Long Beach, CA Jun 2008– April 2010***

***Role: Automation QA Tester***

***Description:***

This project involved development of schemas as well as customization of User interface in Java Language for HIPAA ANSI x12 transactions 837,835, 270.It also involved development of migration from Diamond software to Facets 4.0 including configurations, claims auto adjudication scope and definitions, financial transactions ID cards, Membership, and Enrollment. EDI 835, 837I, P, 270, 271 and proprietary conversions utilizing Facets extensions and development of new scripts and extensions to meet proprietary origination formats and reformat them into HIPAA standardized formats.

***Responsibilities:***

* Prepared Test Plan and Test Cases based on the business and functional specifications.
* Analyzed code to performed white box testing
* Participated in Creating and Execution of Test Plans, Test Cases and Test Scripts.
* Worked on Different web portals like Members, Employers, Providers, Broker Portal and Single-Sign on (SSO) to Provider Portal.
* Created Benefit Packages, Plan Groups and Eligibility for the HSA, FSA, HRA Plans.Validated the APR DRG codes in FRDM database.
* Worked on GAP Analysis for Identifying the Missing Scenarios.
* Developed Selenium test cases in Java using JUnit framework and Web-Driver API.
* Identified the test scenarios for the Regression testing.
* Responsible for testing claim processing and EDI transactions of HIPAA 835 (Health Care Claim Payment/Remittance) &HIPAA 837 (Medical Claims) .
* Validated the file format changes (conversion from 4010 to 5010 format) for 835/837.Generated traceability matrix to track requirements and associated test cases.
* Worked in Agile methodologies such as SCRUM.Performed data validation testing writing SQL Queries.

***Environment:*** Java**,** Selenium WebDriver, Jira, Junit, IDE, ANT, Eclipse, Windows NT/XP, HTML, XML, C++, Python, HP ALM, DB2, SOAP UI 3.5, Java script

***Christus Health, TX. August 2007 –MAY 2008***

***Role: QA Automation Tester***

***Description:***

The Pharmacy Management System aims at providing robust computerized system for maintaining the transactions of medical distributors and to provide user-friendly interface, which can be easily dealt by people who does not have much knowledge in computers. The interface is provided with relevant controls and names right from login screen till to the report generation screen. Three modules are present in this project such as Purchase Orders, Drug Sales and Maintaining Stock.

***Responsibilities***

* Analyzed the Business Requirements Document, put input in Test Plan and prepared detailed Test Cases for new functionality.
* Associated with development team to understand technical design and architecture for test planning.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI and in the testing environment using Selenium Web Driver, Junit, Ant and Jenkins.
* Developed Automation scripts for new enhancements using Selenium Web Driver and Junit.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium WebDriver with Junit.
* Generated Selenium reports using Junit reporter and automated report generation using ANT.
* Developed ANT Build scripts to run Sanity Test scripts developed in Selenium Web Driver.
* Involved in SOA testing for Payments API's using SoapUI and Java framework for Web Services testing.
* Tested request and response XML's based web services interfaces using SoapUI.
* Performed Web Services Testing and XML validation by creating test case suite using SoapUI.
* Created whole test framework using Selenium for further test creation and execution.
* Regression test cases were written and automated using Selenium WebDriver.
* Prepared Traceability Matrix to ensure the adequate coverage of the test cases.
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
* Updated Test Plans and Test Cases periodically to manage changes in requirements.
* Connected to database to Query the database using SQL for data verification and validation.
* Performed back end testing on Oracle Database by writing SQL quarries.

***Environment:*** Quick Test Pro, Quality Center 8.0, MS SQL Server 2005/2000, JAVA, J2EE, Selenium Web-Driver/IDE, VB.Net, XML, FRDM, Business Objects, Price and Ship, SQL, TOAD, Quick Test Pro 10.0, Soap UI