**SABINA KARKI**

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***Senior QA Test Engineer***

**Summary:**

* **7 + years** of experience and established working knowledge on Software testing.
* Experience in all areas of **Quality Testing** including understanding of requirements, developing Test Plans, Test Cases, Scenarios, Test Lab and defect tracking.
* Involved in **Manual Testing** and **Automation Testing** of applications on **Windows** and **UNIX** Environments.
* Proficient in **SDLC** and its methodologies like **Waterfall, RUP and Agile** and **STLC.**
* Prepared and documented **Test Cases, Test Scenarios, Test Scripts, Traceability Matrices and Defect Reports.**
* Strong experience in all levels of testing such as Positive testing, Negative testing, Integration Testing, Functional Testing, UI Testing, System Testing, Black box testing, Regression Testing and User Acceptance Testing (UAT), Browser testing.
* Strong knowledge of **web services** testing using **SoapUI, XML.**
* Experience in Medicaid **– HIPAA EDI 837I, 837P, 837D, 270/271, 277CA, 834 835** transactions with MedicaidManagement Information Systems **(MMIS).**
* Proven ability in designing and creating automation frameworks for J2EE based applications using Java, Junit, Selenium Web Driver, IDE, Grid, ANT, Hudson/Jenkins and TestNG.
* Proficiency in Defect management, including Defect creation, modification, tracking, reporting usingtools like Rational **ClearQuest,** Quality Center and Application Lifecycle Management**(ALM) v11.**
* Well versed in Defect Tracking & Bug Reportingusing **Quality Center (HP ALM), JIRA, TFS** and **ClearQuest.**
* Experience in using **Selenium** (Web Driver, RC, and IDE)for web automation testing**.**
* Experience in Planning and execution of **Performance, Load and Stress tests** for Web applications.
* Proficient in writing **SQL Queries** using DDL, DML, Transition Control statements and develop stored procedures.
* Good team player and also have ability to work independently in a time sensitive environment.
* Good organizational and communication skills, with the ability to express technical concepts verbally and in written.
* Permanent Resident Card holder.

**Technical Skills:**

**Requirements management** :   Rational Requisite Pro and HPQC

**Testing/Defect tracking Tools** :  QC, Test Director, Clear quest, Selenium (IDE,RC, Web Drive)

**Operating Systems**    : Windows NT/XP/2000, UNIX, Solaris

**RDBMS**   : Oracle, SQL Server,

**Programming Languages** : C, C++, Java, Visual C++, and PL/SQL

**Web Technologies**    : JAVA, HTML, XML, Java Script, and VB Script.

**Design Tool & Languages** : Microsoft Visio, C, C ++, SQL, and Java

**File Transfer tools**    : Filezilla

**Web services tools**    :  SOAP UI, Rest client

**Test Automation tools**    :  QTP, Selenium

**Professional Experience:**

**Client: BCBS, Jacksonville, FL May 2013-Prasent**

**Sr. QA Analyst**

BCBS has supported the Department of Health, FL for Health and Dental Insurance Claims and Eligibility efforts. The core data is in MMIS Legacy system and can handle the processing of different Claims within POS in MVS Site D and AIX Box. The MMIS can handle the HIPAA transactions such as 835, 837 (P, D, I) 276, 277, 278. The Inbound and Outbound is run through JCL in batch mode.

**Responsibilities:**

* Involved in developing test plans, Created test cases and test scripts.
* Involved in decision making of converting manual test cases into automated test scripts and analyzing their life time and time required to update the scripts.
* Involved in environment requirement gathering meetings and giving inputs to the environment teams.
* Implemented HIPAA 4010 and 5010 / ICD 10, version for all EDI transactions.
* Extensively interacted with the stakeholders and the IT Department in finalizing the requirements according to the CMS Compliances/Regulations and HIPAA Regulations.
* Co-ordinated with enhancement of AMISYS (Accounting and Management Systems) responsible for Billing of Claims.
* Experience with FACETS System implementation, Claims and Benefits configuration set-up testing, Inbound/Outbound Interfaces and Extensions, Load and extraction programs involving HIPAA 837 and proprietary format files and Reports development.
* Created automated test scripts and Performed Functionality testing in the multiple phases of the application and analyzed the results using Quick Test Pro (QTP).
* Responsible for gap analysis in changing oldMMIS and Involved in testing new MMIS.
* Tested claims adjudication and group and enrollment in Amisys for New Medicare advantage members.
* Performed web testing using Quick Test Pro (QTP) for checking page contents, broken links, web objects, frames and tables.
* Developed test scripts using VB Script in scenarios where recording using Quick Test Pro (QTP) was not possible.
* Involved in testing the conversion of the application into web application using XML web services.
* Developed and verified the request codes, response codes, and reason codes using Distributed Applications Technology using JAVA, JDBC and XML.
* Analyzed HIPAA 5010 impact on external Data Warehouse and data warehouse extract process and mapping of MMIS database and data warehouse.
* Responsible for special projects, external audits, evaluations and process improvements in support of governance initiatives while working on MMIS application.
* Tested ICD 10 code for impacted systems under Claims processing.
* Involved in technical analysis/assessment on upgrade of oracle EBS from 11i to R12 for oracle AR and GL modules i.e. data model (data base custom/standard objects tables/columns/forms/reports) changes in GL and AR.
* Perform testing of configuration to ensure AMISYS performs according to the business requirements.
* UAT testing performed along with call center managers to make sure that application meets their requirements.
* Extensively work on EDI transactions 834, 835, 837I, 837P, 820, 270/271, 276/277, and 999.
* Used UML to perform Use-Case analysis to capture the dynamic aspect of the application.
* Identified AS-IS a process of claims transactions of 4010/4010A standard and TO-BE processes (ICD-10-CM and ICD-10-PCS compliance requirements) of 5010 standard using the gap analysis.
* Performed Analysis of ICD 9 Procedure and Diagnosis Codes in accordance with ICD 10 CM and ICD 10 PCSConversion Compliances
* Adhered to existing change management procedures. Recommended improvements to existing procedures.
* Identified NPI requirements for HIPAA EDI ASC X12 835 and 837 transaction sets; team member for review of HIPAA EDI ASC X12 276/277 transaction set interface with FACETS.
* Clone and Patch Oracle applications (EBS) 11.5.10.2 instances.
* Conducted test automation using Quick Test Pro (QTP) for functionality, UI, field validation, database testing, using VBScript.
* Designed load tests (Stability, Stress and isolation tests) in different ways to measure the application performance.
* Conducted HIPAA 4010 - 5010 Conversion Analysis – contribute in the documentation of HIPAA 5010 changes to EDI 837, 834, 835, 276, 277 transactions sets.
* Performed Analysis of ICD 9 Procedure and Diagnosis Codes in accordance with ICD 10-CM and ICD 10 PCS Conversion Compliances using GEM.
* Implemented automated COB processing of Medicare claims into Facets
* Created Data Flow Diagrams (DFD’s), ER diagrams for data modeling and web-page mock-ups using MS - Visio for acceptance from end users.
* Worked on FACETS to terminate or reinstate health coverage for the subscriber.
* Analyzed the change detection process on Facets database tables to capture the daily changes done by Users through Online Facets Application.
* Assisted with user testing of systems and maintained quality procedures and ensured appropriate documentation in its place.
* Design, analyze and performed Integration and wrote System requirements on different leading health care software’s such as FACETS.
* Responsible for building the frame-Work for the Automation. Successful automation of SAS Management Console, Information MAP studio, SAS ETL, Web report Studio
* Developed and executed SQL queries to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
* Translated Business processes into Informatica Mappings for building Data marts
* Responsible for integrating with Facets (Version 4.41).Designing test scripts for testing of Claims in Development, Integration and production environment.

**Environment:** Windows 98/2000, Window2003, Window NT, Linux, Solaris IBM Web sphere, Apache Tomcat, COBOL, IS 6.0, Web Logic, Java, .NET, ASP.NET, Quick Test Pro 8.2, Mercury Quality Center, Mainframe, AMISYS, DB2, J2EE, UNIX, XML, Windows OS, SQL, PL/SQL, Oracle, Cognos, Quality Center 9.0, QTP, Quick Test

**Group Health Insurance, Chicago, IL Jun 2011 – Apr 2013**

**QA Analyst**

GHI contracted with the Medicare Centers and Medicaid Services (CMS) to provide quick, easy, and affordable access to the health care service of their choice. Project involves integrating Market Prominence and the Claims processing System with the data warehouse to support the reporting requirements. My duties were included designing the model of ODS to automate and maintain the ETL process. Group Health of Medicaid’s Medicaid Management Information System (MMIS) has to comply with Health Insurance Portability.

**Responsibilities:**

* Interacted with Business Analysts, Developers and End-Users to designed detailed test plan document for application testing.
* Provided assistance to team members to clarify functional and technical difficulties.
* Analyzed functional specifications from the front-end application with reference to requirement document
* Managed a Functional Test Environment using HP/Mercury Quality Center 9.0 to performed Black box  testing
* Created test and tested Web based and consumer applications, using manual and automation tools like HP QC/ALM and QTP
* Understood the business process that included Sales processes, Rating methodology, different Products, Group Renewals and Enrollment process
* Wrote Test Plans in MS Word for Manual Testing, System Testing, Integration Testing, Performance Testing, Regression Testing & reviewed their consistency with the business requirements.
* Involved in testing the efficiency of healthcare delivery by using HIPAA
* Hands on experience on ICD-CM 9.
* Used JIRA tool to track Issues
* Writing shell scripts to run batch processes and to run Oracle background\Processes.
* Utilized corporation developed Agile SDLC methodology. Used ScrumWork Pro and Microsoft Office software to perform required job functions.
* Analyzed MMIS system impact for Windows and Interfaces.
* Executed Test cases for Claims and Customer Service Workflow by manual testing.
* Performed initial manual testing of the application as part of sanity testing.
* Performed Manual and automated testing and defect tracking and resolution of applications and solutions.
* Involved in testing HIPAA EDI Transactions and mainly focused on 837 and 835.
* Created Test Scenarios and Matrices for various Claim transactions for various projects.
* Analyzed HIPAA 5010 impact on external Data Warehouse and data warehouse extract process and mapping of MMIS database and data warehouse.
* Design, developed and maintained SQL scripts.
* Used MQ test and SoapUI for XML response for the member information from Siebel GUI interface purpose and WSDL files uploaded in SoapUI testing using client security certs.
* Prepare the Test SQL’s for automation by using Oracle, SQL.
* Responsible for testing of claims adjudication process for the New MMIS system.
* Expert in HIPAA Transactions testing and in-depth knowledge of HIPAA framework (Health Insurance Portability Accountability Act) rules for ANSI X12 messages 837P/I, 835, 276/277, 270/271, 278, TA1 and 997 in 4010A1 Standards.
* Validated existing Provider, Prior Authorization, Benefit Plans, Claim and Eligibility information using Enrollment System
* Defect tracking and reporting the defects in timely manner
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Logging defects in the Defect management tool on a regular basis.
* Tuned stored procedures/scripts, SQL queries to improve the system performance.
* Extensively used SQL statements to query the Oracle Database for Data Validation and Data Integrity.
* Used FACETS Analytics for fast and easy retrieval, display and grouping of information for performing queries and generating reports.
* Created EDI Export and Import processes and work with EDI Trading Partners, Payers or Vendors. Perform a range of telecommunications processes, including FTP, Dial-up, TCP/IP, Web transfers

**Environment:** QTP 11.0, ALM, Quality Center 10.0 ,VB Script, SOA test, Agile Scrum, Rational Clear Quest, PL/SQL, Facets, TFS, Jira, Java, SOAP UI, SQL Server, JSP, HTML, MySQL, Oracle, XML, and Unix

**Pfizer** **– Collegeville, PA                                   Aug 2010 - May 2011**

**Manual Tester**

Pfizer is committed to applying science and their global resources to improve health and well-being at every stage of life. They strive to provide access to safe, effective and affordable medicines and related health care services to the people who need them. Their goal is to ensure that people everywhere have access to innovative treatments and quality health care.

**Responsibilities:**

* Involved in automation testing using selenium IDE, RC, java
* Created SQL Scripts in query analyzer to validate data.
* Perform Data Validation of the data flow from the end-to-end.
* Interacted with developers and users to analyze the user requirements and functional specifications.
* Performed Manual Testing for the entire application by executing the test scripts.
* Developed and executed test scripts for System testing, Integration testing and Regression testing of the application.
* Involved in creating parameterized scripts using Selenium IDE, RC
* Used SOAP UI for testing web services (request XML and response XML)
* Performed manual testing to verify look and feel, GUI, navigation
* Responsible for writing test scenarios, test plans and review of those.
* Used Agile model for implementing the project

**Environment:** Test Director 8.0, Agile (Scrum), SQL, Java, Java Script, HTML, XML, MS Office and Linux.

**Motorola Inc, Schaumburg, IL Jan 2008– July 2010**

**Project: Mobile Pricing Application**

Mobile pricing application provides tools to for the sales organization to set revenue growth targets, to provide a tool for all users to view and monitor results, to react to changes in sales assignments, to provide actual results to the compensations systems for payout, to provide a tool to manage adjustments and to provide a tool to manage sales forecasts.

**Responsibilities:**

* Developed automated test scripts for different Oracle e-Business Suite products (SCP, PO, AP, AR, GL, FA, PA) testing using QTP.
* Worked on different functionalities like Create Sales order, Create Purchase Orders, Create Invoice and match PO with Invoices etc.
* Worked on Android Test Suites based on JUnit test cases and performed automated testing for Android application also performed tests using Eclipse with ADT.
* Extensively used Selenium (data-driven, XPath locator) and WebDriver to test the web application.
* Worked with Selenium-IDE to convert the test suites, including their test cases, from the html format to other format supported by the Selenium-IDE with the Test Suite Batch Converter plugin.
* Performed tests on Java applications using Selenium IDE, tested bugs in the Java Script.

**Environment:** Oracle R 12 Oracle e-Business Suite, QuickTestPro 9.5, XML, SOAP UI, Quality Center 9.0, UNIX, SAP, Selenium RC/IDE, Windows XP, SQL.