**Shrijana Aryal**

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***Sr. QA Engineer***

***PROFESSIONAL SUMMARY***

* Over 6+ years of experience in Software Quality Assurance and Software testing.
* Experienced in using applications testing tools like Selenium, QTP, HP Quality Center and HP ALM.
* Good Technical Experience in Writing Test Cases, Test Scripts, Automated scripts, Documentation and Setting up Test lab Environment.
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as Selenium RC/WebDriver/IDE/Grid, HP Quick Test Professional and JUnit/TestNG, Load Runner, Quality Center, JMeter, JIRA, SOAPUI and GIT, Jenkins.
* Experience in implementing Object Oriented Programming (OOPS) using Java technology and solid experience in building automation using Junit, TestNG, Webload, Hudson , Selenium, Eclipse, RAD and IntelliJ.
* 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 testing Data Marts, Data Warehouse/ETL Applications developed in Informatica and Data Stage using Oracle, DB2, Teradata and UNIX.
* 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.
* Having good experience in Agile (Scrum) methodologies.
* Experience in Using Quality Center extensively for Establishing Traceability to Requirements, Test Cases, Bug tracking and Reporting.
* Experience in testing Full and Incremental loads through Data warehouse ETL tools on different environments.
* 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.
* Experience in writing and executing test cases using Mercury Quality Center
* Experienced in Back-End testing by using SQL queries on MS SQL Server, Oracle on Windows and UNIX platform
* Expert in creating SQL queries against Oracle, MS SQL server and DB2.
* 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.

***TECHNICAL SKILLS:***

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| Bug Tracking Tools | JIRA, Test Director, Quality Center, HPQC 11.5 (ALM) |
| Testing tools | QuickTest Professional (QTP), HP TestDirector, HP WinRunner, Selenium, SOAP UI, Load Runner |
| Microsoft Technologies | VBScript, .NET, C#, Java |
| Web Technologies | Visual Studio.Net, Top Style Editor, Rational Rose, MS Project. |
| Front End Tools | JIRA, Bugzilla |
| Databases | MS SQL Server, MS Access, Sybase, DB2 |
| Browsers | Internet Explorer, Firefox, Chrome, Safari |
| MS Office Tools | MS Excel, MS Word, MS Project |
| OS | Windows XP/2000/NT/98, DOS, OSX LION, UNIX/Linux |

***PROFESSIONAL EXPERIENCE***

***CIGNA, Phoenix, AZ April 12- Present***

***Role: Sr. QA Engineer***

***Description:***

CIGNA is a global health service company. This project was to calculate the rate and get the premium based on the input data from the Data file. Premium will change depending on the agent code, classification code, zip code, and policy term. Active directory was extensively used to secure the information. Also had done some work on HIPAA 837

***Responsibilities:***

* Agent Code, Classification Code, Zip Code and Policy Term were implemented in the QTP 10.0 Framework with the help of variety of checkpoints like text, table, object
* Recorded the Test cases using Quick Test Pro 10(QTP) for web based application and performed regression testing of the application for every release.
* Performed Black Box Testing, User Acceptance Testing and extensively used Manual as well as Automated QTP 10.0 for Regression Testing.
* Experience assessing testing processes, creating, implementing testing strategies and SQA strategies using Agile-testing methodology in UAT phase.
* Created test cases and test procedures for various stages of the Data warehouse ETL process including source to extract, source to staging and staging to target using SQL, Quality Center 10.00 and TOAD for Oracle 10g.
* Run Performance scripts using QTP, HP Service Test and Load Runner.
* Set up and maintained Scrum artifacts in Microsoft Team Foundation Server (TFS) 2012.
* Analyzed test results traced and troubleshoot performance bottlenecks.
* Performed the Data warehouse Extract Transform and Load (ETL): source to target, utilizing Informatica Power center and Data Validation Option (DVO).
* Involved in SQA testing the application utilizing the Scrum (Agile)methodology.
* Analyzed various graphs generated by Load Runner Analyzer including database Monitors, Network Monitors graphs, User graphs, Error Graphs, Transactions graphs and Web Server Resource Graphs.
* Performed Automation Testing of the application to test the system for both functional and business requirements for positive and negative scenarios using Quality Center 10.0.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Hudson/Jenkins.
* Assisted with the creation of the training package for “Test Design Process” to train SQA team.
* Tested different web services using, Quick Test Professional and Load Runner.
* Used Quality Center 10.0 as bug tracking and reporting tool and followed up with development team to verify bug fixes and update bug status
* Worked on preparing configuration specs, branching, labeling and merging using Subversion.
* Automated and scheduled the Data warehouse ETL Informatica jobs using UNIX Shell Scripting.
* Developed and executed SQL Queries for data transaction and database integrity.

***Environment:*** QTP, TFS, Quality Center, JIRA, .Net ,SOAP, MS Office 2007, Struts, JavaScript, VB Scripting, Spring, HTML, XML, Java/j2EE, Windows, Selenium, ANT, Hibernate, Maven, UNIX, C, PL/SQL, Oracle, MS SQL Server, Subversion.

***PA-Dept of Health (Harrisburg, PA) July 2009- April 2012***

***Role: Sr. QA Engineer***

***Description:***

The National Electronic Disease Surveillance System (NEDSS) is a national initiative driven by the Centers for Disease Control (CDC). The “NEDSS vision” includes use of the Internet for data collection and transmission, collection of data as close to the source as possible, incorporation of electronic laboratory reporting, and use of uniform coding schemes and data transmission protocols. This innovative Web-based application establishes a near real-time, secure communication link between laboratories, hospitals, individual medical practices, and the DOH

***Responsibilities***

* Interacted with SME (Subject matter Expertise) for better understanding of the application functionality.
* Performed manual testing for the GUI and Functionality of the application.
* Managed manual test passes, runs with TFS (team Foundation Server 2010).
* Tested web application interface, functionality, usability and performance, using SQL and Selenium web driver.
* Designed and Documented Test procedures and Test cases for User Acceptance, Functional and Integration testing using Quality center.
* Developed various test plans and involved in preparation and execution of test cases using SQA Automated Tool.
* Tested all the Data warehouse ETL process that was developed to fetch the data from various feeds into the data warehouse.
* Performed Load testing, Stress Testing using Load Runner to know the performance of the Applications.
* Used UNIX commands and utilities to monitor Data warehouse ETL activities and tail the log execution.
* Maintained bug lists for critical issues using Quality Center 10.0, JIRA for bug tracking
* Assigned severity levels to different test cases and prioritizing them. Thereafter, performed testing in that manner.
* Extensively used TFS as a repository for scripts and Defect Tracking.
* Created load test plan, Create virtual user scripts using VU Gen and Load Runner Scenarios to execute load and performance tests of Audit applications for Analyze performance Results.
* Created transactions in Load Runner to measure response times. Modify run time settings to run various tests with different configurations.
* Expertise in writing SQL Statements in database to make sure whether the data is populated in Data Mart/Data warehouse According to Business Rules
* Conducted data-driven tests, Synchronization point and verify checkpoints using QTP. Prepared different set of data for data driven testing using QTP.

***Environment:*** ***:*** QTP, TFS, Quality Center, JIRA, .Net ,SOAP, MS Office 2007, Struts, JavaScript, VB Scripting, Spring, HTML, XML, Java/j2EE, Windows, Selenium, Maven, ANT, UNIX, C, PL/SQL, Oracle, MS SQL Server.

***WellPoint Inc, Virginia Beach, VA Oct 2008 - July 2009***

***Role: QA Analyst***

***Description:***

WellPoint, Inc. is one of the largest health benefits companies in the United States. Through its networks nationwide, the company delivers a number of leading health benefit solutions through a broad portfolio of integrated health care plans and related services, along with a wide range of specialty products such as life and disability insurance benefits, dental, vision, behavioral health benefit services, as well as long term care insurance and flexible spending accounts. This project is a web based application which allows the customers to pay the bills online, get an online quote, report a claim, view the claim status and verify the account balances etc.   
I was involved in the testing of following modules ,Admin Module, Personal Information Module, Report Module, status module, Account balance module.

***Responsibilities***

* Analysis of Business and Requirement Specifications. Designing Test Lab and formulation of Test Strategy, Test Plans and Test Cases in HP ALM for the Functional, Integration, end-to-end, stability, Security and smoke testing.
* Extensively tested the application for security.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium Webdriver.
* 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.
* Performed Regression testing for new builds and every modification in the application using Selenium 2.
* Researching various open source automation tools that facilitate an easy and simple approach for automation.
* Used Selenium IDE for testing various web applications.
* Used Selenium Webdriver to run test cases in multiple browsers and Platforms.
* Tested the various Service Oriented Architectures (SOAs) spanning across various web services using SOAP and WSDL across various applications using SoapUI.

***Environment:*** ***:*** QTP, TFS, Quality Center, JIRA, .Net ,SOAP, MS Office 2007, Struts, JavaScript, VB Scripting, Spring, HTML, XML, Java/j2EE, Windows, Selenium, Hibernate, UNIX, C, PL/SQL, Oracle, MS SQL Server.

***Magallen Health Services, St. Louis, MO Nov 07 – Sep 08***

***Role: QA Analyst***

***Description:***

Magallen Healthcare Services is a health care management company whose primary business is to simplify complex and costly health care services. Its core business is to manage behavioral health care, diagnostic imaging, specialty pharmaceutical services and providing pharmacy benefits administration. Its services has enabled to deliver invaluable insights and innovative solutions that positively impact both the quality and the cost of some of the country's fastest growing areas of health care issues.

***Responsibilities:***

* Prepared Test Plan and Test Cases based on the business and functional specifications.
* Analyzed code to performed white box testing
* Coordinated and worked closely with business analysts and stake holders during gathering requirements for the product and documented test cases.
* Recorded the test cases using Automation tool, Win runner for web based application and checked the functionality of the application.
* Reviewed and implemented Business Requirement Documents.
* Analyzed test specifications and converted them into Manual Test Cases.
* Performed End to End Testing and involved in User Acceptance Testing.
* Performed Security Testing (Authorization Testing, Access Control Testing).
* Worked on SQL statements in checking the validity of the Backend.

***Environment:*** Quick Test Pro, Quality Center 8.0, MS SQL Server 2005/2000, VB Script, SQL, UNIX, XML, HTML