**Bodhi Tuladhar**

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**PROFESSIONAL SUMMARY**

* Over 7 years of industry wide experience as a QA Automation Tester Engineer in Used versioning tools Microsoft Team Foundation Server (TFS) and Visual Source Safe (VSS) for version controlling of the Application.
* Experience in running automation test cases developed using coded UI framework and debugging the scripts for troubleshooting
* Experienced with testing tools such as HP Quality Center, Quick Test Professional (QTP) SOAPUI and SQL Management Studio Tool
* Extensive hands on experience with all levels of testing including Smoke testing, Functional testing, Integration testing, System testing, Regression testing and Database testing
* Extensive experience in Quality Assurance using Java, Python, Test NG, Junit, SQL, Selenium RC, Selenium IDE, Web Driver, Manual Testing, Performance Testing, Automation, Quality Center, Soap UI,
* Test Planning, Test cycle estimation and Test strategy document creation and defining SQA processes whenever required.
* Extensively used Quality Center (QC)/ALM, Microsoft Team Foundation Server (TFS) to Test Cases, Test Execution and Defect tracking
* Extensively involved in Backend testing of SQL Queries using Oracle & SQL Server
* Experience in creating Test Plan, Test Case, Test Procedures and Test Metrics
* Utilized QTP to create the automated tests using VBScript for regression test
* Proficient in using Quality Center, Test Director, Bugzilla, JIRA to track defects and enhancements.
* Test Plan, Test Conditions, and Test Cases ensuring adequate testing of software both before and after completion; conducting and documenting UAT.
* Extensive experience in ASP.NET, VB.NET, C#, ADO. Net, OOPS, ASP, IIS, VBScript, JavaScript, SQL Server SQL, PL/SQL, T-SQL, Visual Studio
* 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
* SOAP UI Experience in implementing Data Driven Test Scritps and Generating SOAP UI Reports..
* Worked in SDLC Methodologies like RUP, Agile, Waterfall and Spiral.
* Extensive experience leading and coding in automated testing for Functional and Performance tests including tools like VSTS(Coded UI,C# MTM),QTP ,Win Runner, Load Runner and VSTS Load Test.
* Hands on experience in Manual and Automated testing using Quick Test Pro(QTP), Load Runner, Quality Center
* Performed Back-End testing on UNIX to check the log files and permission
* Extensively created and executed SQL queries in Oracle, SQL Server, and My SQL tables in order to validate data at the back end
* Experience in SOA Testing, Agile Testing, Manual testing, System Integration testing, Functional testing, Regression testing, Smoke testing, Black Box Testing and Web services Testing.
* Extensively involved in Selenium Automation with TDD (Test Driven Development) and BDD (Behavior Driven Development) .
* Written Selenium Automation Scripts for Sanity and Regression testing.
* Expertise in Analysis of Problem Severity, Defect Tracking System and Defects Reporting System using Test Management tools like Mercury Quality Center and Test Link.
* Experience in writing and executing test cases using Mercury Quality Center
* Experience in Data validation and Back end testing of the Databases to check the integrity of the data. Used SQL queries to retrieve the data from the Database
* 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.
* 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.
* 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.

**TECHNICAL SKILLS:**

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| **Testing Tools** | HP/Mercury Selenium IDE, Quick Test Professional, Load Runner, Win Runner, Jmeter, Automation Framework, Coded UI |
| **Languages** | PL\SQL, SQL, VBScript, Ruby, Java, J2EE, C++, VB, VBA, HTML, XML, SGML JavaScript, Perl Python, JSON Shell Script, C#, Visual Basic |
| **Web Tools** | HTML, XML, XSL, VB Script AJAX, Flex, Lotus notes |
| **Databases** | Oracle My SQL, SQL Server DB2, MS Access |
| **Platforms** | Windows 2000/NT/XP/7, DOS, Unix, Linux |
| **Methodologies** | Rational Unified Process(RUP), Agile, Waterfall, HTML, JavaScript, Web services, REST full |
| **Bug Management Tools** | ALM, Rational Clear Quest, Quality Center, Test Director, Bugzilla, Jira, Rally ,SOAP,UI |
| **Test Strategies** | Integration, System, Regression, User-Acceptance, White Box Testing, Black Box Testing, SQA Basic |
| **Business Modeling Tools** | Rational Rose, Rational Software Architect, Microsoft Visio |

**PROFESSIONAL EXPERIENCE**

**State of Alabama, Department of Health and Human Services, Montgomery, AL Nov 2015 – Sept 2017**

**Role: Sr. Automation QA Tester**

**Responsibilities:**

* Created Coded UI Automation Test Framework in C# using VS , including Libraries, Utilities and helper functions in C#
* Responsible for develop and execution of the Soap UI Automation Test scenarios, suites and cases for Functional, Integration, System, Performance & Regression Testing
* Proven ability in using various tools like Visual Studio Team System, Coded UI, MS Visio, Octopus, and Hyper V etc., in design, development and deployment of applications.
* Participated in designing Automation functions in VB Script for the Ripple Reports data validations.
* Experience assessing testing processes, creating, implementing testing strategies and SQA strategies using Agile-testing methodology in UAT phase.
* Analyzed business requirements, system requirement specifications and responsible for documenting functional requirements in ALM
* Implemented the code changes in C#, VB.Net and Visual Basic for the Foreclosure applications.
* Developed, deployed, and executed automated tests using Visual Studio TFS coded UI Testing, C#, and Telerik Test Studio.
* Developed Web forms/user interfaces using C#/VB.NET and ASP.NET.
* Prepared Data including raw and XML data, SOAP UI messages that satisfies all the business conditions and real world scenarios.
* Developed and executed various SQA BASIC scripts using Robot for automated testing of each individual functionality & Regression Testing of the applications. Used Visio for modeling.
* Gave demos, wrote tutorials, and taught test team members individually in Selenium and Coded-UI.
* Involved in Unit Testing using Selenium Automation with TDD (Test Driven Development).
* Experience using Web Services request and Responses during testing
* Involved in using VB Scripts in QTP to access webpage script variables.
* Executing post build verification tests using HP-Quick Test Professional Test Automation Tool. Creating new test scripts, Capturing new GUI’s for window validation during QTP scripts execution
* Support the UAT team during their testing.
* Created and consumed SOAP / Restful Web Services.
* Executed test scripts using coded UI and Silver Light unit test frame work
* Executed various test scenarios and monitored the system behavior under load in Load Runner
* Assisted with the creation of the training package for “Test Design Process” to train SQA team.
* Wrote SQL Scripts to verify data in the database and verify consistency with application.
* Worked on various HIPAA X12N Standards like 270/271, 278In/ 278Out, 834 while testing various level of EDI Transactions.
* 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.
* Validated the reports and files according to HIPPA X12 enforced standards Worked on different 5010HIPAAEDI 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). Also worked on Medicare Claims.
* Extensively tested the application for security.
* Used DB2 client to write SQL's to validate the test data.
* Used JUnit Framework for creating Selenium scripts.
* Involved in Integration system & Regression Testing
* Created Automated Test Script using Selenium, which were used during the Functional& Regression Testing.
* Responsible for gap analysis in changing old MMIS and Involved in testing new MMIS.
* Designing a User friendly Interface for the testers to trigger automation scripts and record the results in Excel.
* Experience with documenting Claims processing lifecycle and got good exposure of X12 834 transactions for HIPAA 4010.
* Performed Regression testing for new builds and every modification in the application using Selenium 2.
* Tested the various Service Oriented Architectures (SOAs) spanning across various web services using SOAP and WSDL across various applications using SoapUI

**Department of Health & Human Services, State of Maine (ME) May 2013 – October 2015**

**Automation QA Tester**

**Responsibilities**

* Involved in developing selenium automation framework using Junit. Developed ANT targets to execute automation suites from command line.
* Performed the Backend integration testing to ensure data consistency on front-end by writing and executing SQL queries
* Worked on Medicaid Recipient processing including specialized knowledge of Recipient processing, Portals, and Enrollment Subsystems of MMIS.
* 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.
* Performed browser compatibility and Risk analysis.
* Designed, developed and implemented MVC Pattern based Keyword Driven automation testing framework utilizing Java, TestNG, and Selenium Web Driver.
* Using JIRA for project management, defects tracking and reporting.
* Conducted review sessions on regular basis with QA and development teams for preparing status, delivery report and client reporting for MMIS testing.
* Involved in testing HIPAA EDI Transactions and mainly focused on PA and Eligibility Transactions like - 270,271,276,278,834, 835, and 837.
* Created test plan, test data and scripts for applications as part of Test-driven development (TDD)
* Involved in re- engineering of the EDI Gateway to assist in the development of HIPAA repository to process 5010 claims.
* Worked closely with Development (UI), Product Management and Technical Operations during the development,
* Wrote, Developed and Implemented Test Plan, Test Scenarios and Test Cases using HP Quality Center (QC)
* Executed both manual and automated test cases developed using Coded UI and Silver light unit test framework for different features of the application.
* test, and launch stages of the software development and release cycle (Waterfall and Agile).
* Performed GUI testing, Functional and manual testing.
* Created and executed automated test scripts using automation tool Quick test Professional.
* Developed and executed manual test cases and automated test scripting using Selenium IDE,
* Worked with Perl scripts / Unix scripts / SQL queries to test the backend database  
  Reporting bugs in TFS and creating daily, end of cycle and final test report for all the stakeholders of the project.
* Involved in all stages of Test life cycle Test planning, Test case design, Execution, defect Tracking, Metrics and Status reporting.
* Involved as part of automation team using QTP, developed test scripts.
* Designed and Developed Web Services to synchronize data from Remote application database to Online Database using C#.Net, ASP.Net, Visual Studio.Net.
* Create a coded UI test to test the user interface for an application functions correctly and performs actions on the user interface controls for an application and verifies that the correct controls are displayed with the correct values/ In charge of creating test automating using Coded UI and C#.
* Logged the errors, reported defects, determined repair priorities and tracked the defects until resolution using ALM.
* Involved in using QTP for VB scripting, by using object repository, expert view, Object spy and other main functionalities.
* Developed automated test systems using Quick Test Pro, Win Runner, Test Complete and Silk Test.
* Created an ad hoc defect tracker on Microsoft (TFS) Team Foundation Server to track testing related issues that arose during testing
* Experience in utilizing XML for SOAPUI web services testing
* Wrote structure code using VB Script in QTP to enhance the power of automated scripts to handle logical test cases.   Configured data sources, JDBC provider for the Web Sphere Environment and ran applications with that configuration.
* Moving from mostly manual to automated testing using Visual Studio TFS coded UI testing and C#.
* Identified the bugs and kept track of the defect report using ALM Quality Center, and also analyzed the root cause for defects.
* Used Soap UI for testing SOA and Web Services (SOAP, Restful WSDL).
* Shared application logs to development team by tailing logs from UNIX environment.

**WellPoint Inc, Virginia Beach, VA August 2010 – April 2013**

**Role: QA Automation Tester**

**Responsibilities**

* Automate Main functionality with Selenium web driver and Coded UI.
* Established test data setup criteria for enhancing tester ability to test all scenarios. Also coordinated with test data preparation group for the purpose.
* Divided various functional areas of the application into various Risk Levels for effective testing of the application, also risk leveled all the test cases accordingly.
* Involved with the QA team to design test methods for software verification and validation
* Reviewed test cases and automate whenever possible
* Integrated automated test cases into nightly build system using QTP
* Regularly participated in Technical and Use Case review meetings for various functionalities in the application.
* Established automated test environment for UI testing using QTP
* Educated team members on test automation and drive adoption
* Focused on creation and execution of Test NG tests with Java/Test NG and Selenium. Developed white-box tests in for the product.
* Created Automation scenarios for regression testing using the manual test case flows.
* Worked on Automation Framework called TAF for Selenium Web Driver in Java.
* Developed External Library using Java for Selenium Automation
* Responsibilities included acceptance testing, functional testing, Integration testing, system testing and performance testing.
* Created Java based scripts for Selenium Web Driver with Test NG as Test case frame work.
* Automated the Regression Testing using Selenium Web Driver and Test NG
* Utilized Load Runner for performance testing to analyze the response times of the business transactions under load
* Created the UAT Plan and test scripts and participated in UAT.
* Experience in test automation using C# and VS2010 and Coded UI.
* Prepare test plans, test cases & created test scripts using Java for the application.
* Actively ran automated scripts to test the functionality as well as the GUI of the application using Selenium Web Driver.
* Wrote and carried out TestNG tests using Selenium Web Driver and Java in eclipse IDE.
* Performed Web Services testing using SOAP UI with extensive exposure to: HTML, XML/XPATH.
* Used Rally tool for Scrum and test case management, managed test results and for creating the defects in Dev environment in QA environment.
* Analyzed the Batch Process, Work-flow behavior and SOA/ Web Services testing using Soap UI.
* Interacted with Business Users, Developers, and Testers to resolve High Severity issues within TFS throughout Software Development Life Cycle (SDLC)
* Implemented the data driven frame in SOAP UI and Tested various functions in web services with different sets of data.
* Responsible for Automation (Using Coded UI) in Visual Studio(C#) and functional testing.