**Prabesh Subedi**

**Professional summary**

* Over 6 years of IT experience in the field of **QA Automation/Manual Tester** in **Client/Server** and **Web-based applications.**
* Worked heavily on testing various **ETL process** as well as many reports developed used various BI tools.
* Experienced in Software Quality Assurance (SQA), Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Strong understanding on **HIPAA standards, ICD9/ICD10, EDI transactions** & versions, **Medicare and Medicaid Services.**
* Worked on end to end testing using Selenium web drivers/RC/IDE/Grid, TestNG/JUnit and web services like REST and SOAP.
* Expertise in performing the **Functional Testing, Regression Testing, Integration Testing** for the apps on different platform like Android, Java. Involved in design and development of the software to manipulate and transform the big data.
* Extensively used ETL methodology for supporting **data extraction, transformations and loading processing**.
* Experience in QA software testing process which includes preparing **Test Plans, Test Scripts, Test Cases and Test Scenarios Executing Tests** based on business requirements and functional requirements and Defect Tracking
* Configured **Selenium Web Driver, TestNG, Maven** tool and created selenium automation scripts in java using TestNG prior to agile release.
* Mobile Testing experience with Android and iOS devices.
* Expertise in creating **Test Plans, Test Scenarios** and **Test cases** from Business, Technical and Functional Requirement Documents.
* Experienced in writing **SQL verification scripts** to test the result of deployment for correct business logic for **Back-end testing.**
* Proficient in testing database of applications developed with **SQL Server, Oracle and MS Access**.
* Experience in bug reporting Tools such as **JIRA, Clear Quest (CQ).**
* Created positive and negative scenarios and test cases for System & Web testing.
* Strong Experience in **Backend testing** of the Data Base by writing **SQL queries and PL/SQL scripts** to test the integrity of the application and **Oracle databases.**
* Hands on experience with end-to-end API Automation testing using **SOA test and SoapUI**.
* Facilitated **UAT (User Acceptance Testing**) with the stakeholders and the business users.
* Strong experience in conducting **User Acceptance Testing (UAT)** and documentation of **Test Cases**. Expertise in designing and developing Test Strategy and Test Scripts.
* Created manual test by using **Quality Center** and automated test by using Selenium Web Driver.
* Flexible and versatile to adapt to any new environment and work on any project.
* Ability to collaborate with testers, developers, project managers, and other team members in testing complex projects.
* Excellent ability to learn things quickly.
* Strong analytical and problem solving, interpersonal and communication skills, self-starter, quick learner and able to adopt new technologies as needed in rapidly changing IT environment.
* Good documentation and Process management skills with an ability to effectively understand the business requirement to develop a quality product

**Technical Skills**

**Testing Tools** Test Director, Quality Center, Quick Test Professional, Rational Clear Quest, Rational Quality Manager, Selenium, Cucumber

**Bug Reporting Tools**  JIRA, Test Director, Rational Clear Quest, HP- ALM/Quality Center

**Process/Modeling Tools** Software Development Life Cycle (SDLC), MS Visio, Rational Rose, Rational Requisite Pro

**Programming Language** Java, SQL, Python

**Operating System** Windows, Linux, Mac OS

**Database**  DB2, SQL skills, and Oracle SQL server, Microsoft SQL server, MS Access.

**Business modeling tool** Version One, Word, Visio, Excel, Outlook, PowerPoint

**Work Experiences**

**Sun Trust Bank, Atlanta, GA January 2017 – Present**

**QA Analyst**

**Responsibilities:**

* Actively participated and Interacted with product management teams in the review and analysis of functional requirements.
* Prepared Test execution reports, Requirement Traceability Matrix (RTM) and Test summary reports.
* Setup test environment and configuration files to perform integration testing.
* Execution of automated test scripts using Mercury Tools (Test Director/Quality Center, Selenium WebDriver) on business/functional specifications.
* Responsible for the understanding the business requirements, ETL and subsequently design ETL testing strategy using SQL scripts.
* Implemented automation framework using JAVA, Selenium WebDriver and Cucumber.
* Used Selenium Grid to execute parallel tests on multiple browsers - IE, Chrome, Firefox & Safari.
* Involved in preparing test cases using Selenium Web driver to validate all UI components, Pop-ups, Browser navigations, Mouse Movements.
* Experience with writing SQL scripts and analyzing SQL scripts for various report validation purposes.
* Debugged the test scripts, created batch tests, verified the test results and reported the defects using HP ALM.
* Design & Develop data driven framework using Selenium Web Driver, TestNG and Apache POI API.
* Validated the response of the API with SQL queries on the database.
* Hands-on experience with Manual Testing, Automated Testing and Experience in Mobile Apps Testing of Native apps, Web apps, Hybrid apps with Exploratory Testing on Mobile and Tablet devices with Appium automation framework.
* Expertise in performing manual testing (emulators & IOS Simulators) & Mobile Application Testing using Appium.
* Used Android SDK and set up mobile device Emulator to test application and to get log files.
* Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST API.
* Installed and configured SOAPUI using WSDL file, setting up the database connection, used java and groovy scripting for creating test scripts.
* Developed Functional and performance tests using Junit framework.
* Used JIRA for bug reporting and tracking the status of the bug.
* Involved in Writing Python Scripts to develop automated scripts and frame works.
* Involved in integrating the test suites to Jenkins to execute them automatically after every successful deployment.
* Used MAVEN as a build tools on java projects for the development of build artifacts on the source code.
* Involved in writing complex SQL queries for backend testing.
* Experience in Behavior Driven Development (BDD) using Cucumber.
* Successfully Completed User Acceptance Testing (UAT) on each release of the project with the help of end user requirements.
* Collaborated with the business and technical teams and took the responsibility to document the functional and technical specifications in the business requirements analysis phase.
* Responsible for providing Risk Assessments, test Plans, test cases and executing and creating Test Results them within an AGILE software development SCRUM environment.
* Created Test Completion Reports at the end of SIT capturing final testing status including defect information to be presented to the business line for approval.

**Environment:** Java, Selenium Web Driver, Maven, Appium, Cucumber, UAT, Java script, TestNG, Jenkins, Eclipse, SOAP UI 4.0, JIRA, HTML, XML, CSS, UFT 11.x, Internet Explorer, Chrome, Firefox, SQL, Oracle, JMeter, Windows, Appium.

**TD Bank, Portland, ME July 2015 – December 2016**

**QA Analyst**

**Responsibilities:**

* Actively participated and Interacted with product management teams in the review and analysis of functional requirements.
* Prepared Test execution reports, Requirement Traceability Matrix (RTM) and Test summary reports.
* Translated software specifications and user requirements into test scenarios.
* Worked on Agile Methodology and attended all different agile meeting and provided feedback as a QA point of view.
* Planned, designed, executed test plans and test cases for automated test and manual test to support maintenance releases for multiple web-based applications.
* Prepared test plans, test strategy documents and test estimations for various releases.
* Developed a communication plan with client and project team in reporting testing progress, issues and defects.
* Developed Selenium Automation framework - Selenium Web Driver using TestNG Developed Java scripts with Selenium Web Driver which used data driven framework
* Wrote automation test plans and prepared the automation test matrix for each regression cycle.
* Tested different functionality on different test environments and maintained test environments.
* Performed Smoke, integration, regression, and acceptance testing in a different browser and different platform.
* Responsible for planning, creating and analyzing of Test Plan, Test Cases, and Test Scripts.
* Wrote automation script in selenium IDE and converted into Selenium WebDriver JUnit and Java.
* Analyzed Technical specification, Business Requirements, and Database Schema to develop test cases.
* Participated in requirement walkthroughs with users to better understand requirements.
* Solved day-to-day problems of the team arising due to functionality and validation issues.
* Partnered with the Software Development and Program Management teams to investigate and resolve product defects and reported in Jira.
* Skills in interfacing with business clients to comprehend and document business requirements and their priority as well as develop technical or user process solutions.
* Managed software defect information, interacted with business users to fix severity and priority of issues.
* Performed backend testing using SQL queries to retrieve and verify information in the database
* Created SQL scripts to test the stored procedures by sending different sets of input parameters.
* Ran SQL queries to perform database validation according to the business logic.

**Environment**: Selenium, Java, HP ALM, SQL, XML, Integration testing, Soap UI, JIRA, Git, Unix

**GE Healthcare, Chicago, IL January 2014 – June 2015**

**QA Engineer**

**Responsibilities:**

* Working closely with software development and implementation teams to Identify defects prior to product release by designing, executing and documenting test cases using requirements.
* Performed extensive Data Validation, Data Verification against Data Warehouse.
* Written Test Cases for ETL to compare Source and Target database systems.
* Helped the testing team documenting the system requirements and testing system development. Designed and implemented basic SQL queries for QA testing and report / data validation.
* Set up definitions and process for test phases including Product, Integration, System and User Acceptance testing (UAT). Performed defect logging and tracking using Jira Tool.
* Documented current and proposed business processes and rules.
* Prepared Flow Diagrams, Sequential Diagrams in MS Visio
* Extensively used Quality Center 9.2 and 10.0 for executing test scripts, Storing Test Results and Test Cases. Importing and Exporting Test cases.
* Used open source web test tool Selenium Web Driver for cross browser cross platform web testing.
* Used SOAP UI to test the web service request/response scenarios.
* Performed UAT testing with better understanding the clients need.
* Experience in using agile methodology and attended the daily SCRUM meetings during each SPRINT session.
* Wrote Complex SQL queries to support the test case results, SQL performance tuning.
* Performed data driven tests in Selenium using java.
* Developed Test Cases/Test Scripts, execute tests and log defects. Assignment and tracking through Microsoft Test Manager
* Participated in Walkthrough’s and Technical Reviews all through the testing phase Applications.
* Performed Regression Testing, System Testing, Smoke Testing, Positive and Negative Testing
* Manually tested the web internet portal application to ensure the flow of the application functionality.
* Tested the application on various versions of iPhone and android.
* Involved in manual testing for the functionality of the application on the mobile devices
* Participated in regression testing on Desktop Web App and Mobile Web by reviewing the source code after each build for every release.
* Reviewed complex functional requirements, Prepared the test Strategy Documents.
* Wrote SQL scripts, maintaining Database on QA systems and on Production systems

**Environment**: Windows XP, MS Word, MS Excel, AGILE/Scrum, Selenium Web Driver 2.0, Microsoft SQL server, SOAP UI, Web Services (SOAP and RESTFUL), Oracle SQL server, MS Visio, ALM, SQL, Java, Microsoft Test Manager, SharePoint

**Molina Healthcare,** **Long Beach, CA**  **January 2012 – December 2013**

**QA Engineer**

**Responsibilities:**

* Worked closely with Business Analysts and Developers to gather Application Requirements and Business Processes to formulate the test plan.
* Created test strategy documentation and detailed test documents.
* Participated in playing back GUI and Smoke Scripts to smoke test every build.
* Conducted Smoke testing, Functional testing, Regression testing, Integration testing, User Acceptance Testing (UAT).
* Formulate methods to perform positive and negative testing against requirements.
* Conducted End to End and Black box testing.
* Executed and managed test cases and reported bugs in Quality Center/ALM.
* Developed automated Test scripts using QTP/UFT to perform Functional and Regression testing.
* Used SOAP UI and REST client for testing SOAP, Restful Web services tested messaging between various loosely coupled systems within the Service Oriented Architecture with xml.
* Worked in preparing the EDI transmission files, dropping them in Inbound, Outbound Interfaces and validate the data according to the test scenarios.
* Worked with the system testing tool used for replicating Batch that streams to run billing in a mainframe test environment and producing test invoices of cellular calls for client review.
* Tested the HIPAA EDI, 834, 270/271, 837/835 transactions according to test scenarios.
* Prepared test case scenarios in Excel spread sheet and export them into HP Quality Center.
* Documented the test results and reported the status of assigned test tasks and issues to project QA Lead.
* Provided weekly status report to the Project Manager and discuss issues related to quality and deadlines.
* Analyzing application, system, and security errors, and escalated issues to developers and verified fixes.
* Involved in defect reporting using Jira.
* Participated in walk-troughs and defect report meetings periodically and presented progress updates.
* Interacted with business team members, developers, system engineers, and testing teams to identify applications defects
* Have been keeping track of the work done by the entire team using an internally created application called as the Migration Tracking Repository Application (MTRA).
* Performed Back End Testing by writing SQL queries.
* Planned and Executed backend testing using numerous SQL Queries to verify the dataflow from the database using iSeries navigator and DB Visualizer.
* Used TOAD to compare GUI and Database to resolve Database issues.
* Executed SQL statements to test the integration between application and database
* Wrote Modification Request for the bugs in the AUT and helped developers to track the problem and resolve technical issues.
* Participated in Walkthroughs and Defect Review meetings to ensure overall quality of the software.
* Created and maintained the Requirements Traceability Matrix (RTM).
* Interacted with the developers to report and track bugs using Quality Center.

**Environment:**Quality Center, SQL, UNIX, Windows - 7, Oracle SQL server, JIRA, Microsoft SQL server, 98, SQL Server, XML, HTML, Quality Center, ALM, AGILE/Scrum, Word, Excel HTML.

**Education:**

**Bachelors in Electrical Engineering**

**Minor in Computer Science**