**Prasanna**

**PROFESSIONAL SUMMARY**

* 5 Years of Professional Experience in Software Quality Assurance and testing in web Services, client-server and database applications in financial and health care environments.
* Extensive experience in executing **Manual** and **Automation test cases**.
* Excellent understanding of Software Development Life Cycle (SDLC), Software Test Life Cycle (STLC), System Life Cycle Methodology (SLCM) and Test Methodologies from project definition to post-deployment documentation.
* Extensive experience in test management and testing lifecycle methodologies like **Agile**, **Waterfall**, **TDD** (**Test Driven Development)**.
* Experience in the development of **Test Plans, Test Cases, Test Procedures** and **Requirement traceability matrix**.
* Experience hands on experience on handling the defects throughout the bug life cycle from detection until resolved using **Bugzilla**, **JIRA** and **HP ALM/Quality Centre**.
* Adept in using testing tools like **Test Director, HP Quality Center, ALM** to write and maintain Test scripts and used load and performance testing tool **JMeter.**
* Experienced in **Automating** Tests using **QTP**, **Selenium Webdriver**, **Selenium** Grid Test Framework using Java, **TestNG**, and **Junit.**
* Creation and execution of **Checkpoints** and **Breakpoints** in Automation testing.
* Experience in testing **Web Services** using **SoapUI** tool, validating request and response xml.
* Experience in working in **Scrum** teams and participating in different **sprint** ceremonies which are part of agile principles.
* Extensive knowledge in**design documentation**.
* Strong Skills in Integration, Unit, Functional, Regression, End to End, Ad Hoc and UAT Testing.
* working knowledge of **Core Java** and **Object Oriented Concepts** (Inheritance, Polymorphism, Exception Handling, Multi-Threading and Collections)
* Experience in using **PL/SQL**, developing database queries for backend testing, in-depth knowledge of **Oracle** and **SQL Server**, resolved database performance issues.
* Was involved in setting up the test environment, created test data as per the requirement.
* Expert in documenting and creating test data, test scenarios, test plan & test strategy document.
* Ability to quickly adapt to different project environments, work in teams and accomplish difficult tasks independently within time frame.
* Excellent Communication, Time Management, Organizational and Interpersonal skills, proven team player with an outstanding analytical bent to problem solving and delivering under high stress environments with resource constraints.

**EDUCATION**

B-TECH JNTU (INFORMATION TECHNOLOGY)

**TECHNICAL SKILLS**

Programming languages: C, C++, Java, Java Script, Node.JS, JSON.

Databases: Oracle 11g/10g/9i, MySQL, MS-SQL Server

Web Technologies: HTML, XML, JavaScript, AJAX, SOAP.

Testing: Selenium WebDriver/IDE/GRID, QTP, Manual Testing.

Operating Systems: Windows, Linux, Mac OS.

**EXEPRIENCE**

**Cigna, Lafayette, LA . SEP 2015 TO PRESENT**

**Automation engineer**

Project Description: Worked very closely with development and business team in automating the functional testing using Selenium-web driver automation framework Batch and Subrogation, with updated technology to allow for more efficient membership enrollment and provider data maintenance & getting access to customer records followed thorough the project.

**Responsibilities:**

* Served as a QA facilitating the client test team.
* Responsible for the completion of Functional testing within specified time lines by implementing the agile/scrum software methodology
* Developed test plan, test readiness plan and test execution plan
* Created Automation test framework using Selenium.
* Modify Updating of Automation scripts and execution of multiple browsers.
* Created test scripts in **Selenium** and enhanced scripts using Java API and **Test NG**.
* Maintained Hybrid Test Automation Framework (Data, Keyword) using **Selenium WebDriver**.
* Used **Selenium Grid** to execute parallel tests on multiple browsers - IE, Chrome, Firefox & Safari.
* Performed **functional** and **regression** testing using **selenium**, **SoapUI** tool and SQL
  + Created SQL queries to pull the data from 3 different reporting data bases
  + Applied complex join queries and used oracle DB functions to pull the data
  + Used the SQL data to create property files that are read by test cases in **SoapUI** tool
  + Designed automation test cases for webservices testing using Groovy scripting
  + Integrated the **SoapUI** automation test suite with Business Process Test cases in ALM
  + Executed the test cases from ALM tool and reported defects in QC
* Managed and tracked defects to closure on daily basis with in the QC
* Participated in the daily scrum calls, weekly leadership calls and facilitated daily QA calls

**Environment:** Selenium Web Driver, Java, TestNG, Jira, Eclipse, IE, QC, Agile Methodology, Eclipse, SOAP, TOAD.

**John Deere, Moline, Illinois AUG 2014- AUG 2015**

**QA Analyst**

The project was developed for Material Management System which was undertaken to manage information about the products, customers, suppliers, purchase orders, receipts, sales orders, work orders and bill of materials of the city’s leading dealer. This application primarily deals with Machinery sales involving maintenance of every small detail about spare parts and their sales.

**Responsibilities:**

* Served as a QA facilitating the client test team and their activities during DEV, SIT, UAT and PROD SUPPORT phases of the project
* Actively participated in agile testing. Completed tasks on time for each sprint to meet the deadlines.
* Performed **Manual** and **Automation** Testing on different Modules of the Application.
* Executing Test Cases, Test Plans and Analysing the Test Results.
* Developed the **Positive** and **Negative Test** Cases for various modules based on the business requirements.
* Involved in creation of Automation test framework using **Selenium.**
* Responsible for the completion of Functional, conversion, System Integration and User Acceptance Testing within specified time lines by implementing the agile software methodology
* Developed test plan, test readiness plan and test execution plan during SIT and UAT
* Managed the testing tasks and time lines of entire test team using the Scrum Works tool
* Performed **functional** and **regression** testing using **Selenium Webdriver, Apium for mobile** tool
* Created automation resources such as object repositories and functional libraries
* Used the ‘Firebug’ tool for **xpath** navigations using **DOM** object model in selenium
* Utilized the built-in functions thereby reducing time for user-designed functions
* Handled duplicate objects and dynamic objects using index property and regular expressions
* Tests are designed, saved and run by integrating to the Hudson build management tool
* Analyzed the test results after every build and reports are generated.
* Performed extensive Web Services testing using **SOAP UI**.
* Performed data driven testing by using **JDBC** as a data source in **SOAP UI** and configured SQL queries to fetch data from the Oracle database.
* Tested the various Service Oriented Architectures **(SOA)** spanning across various web services using **SOAP** and WSDL across various applications using **SOAP UI.**
* Managed and tracked defects to closure on daily basis with in the Quality Center.
* Participated in the daily scrum calls, weekly leadership calls and facilitated daily QA calls

**Environment**: Agile Methodology, Java, J2EE, Selenium, Jira, Quality Center, UNIX,SQL, SOAP.

**Client: Key bank, Cincinnati, OH DEC 2013 to JUNE 2014**

**QA Analyst**

#### Mortgage Origination and Processing System:

This project involved enhancement of existing mortgage web components, pre-qualification, online application and application tracking system. Major functionality comprising system use cases included --Payments Calculation, Loan Status Information, Loan Pre-Qualification, Loan Application, Online Payments and Loan Processing(LPS).

**Responsibilities:**

* Reviewed business requirement document and the technical specifications
* Interacted with developers to understand the application functionality and navigation flow.
* Involved in Software Development life cycle and Test Life Cycle of the project from requirements gathering to transition using **Agile/Scrum** Methodology.
* Developed **Test Cases** based on the Requirement documents.
* Involved in writing **Test Plans** and **Test Strategies**.
* Created **traceability matrix** between requirement and **test cases** and document the application, data associated in each test case.
* Performed **Integration** and **Regression** testing of the application.
* Interacted with Business Analysts and developers to resolve defects.
* Involved in backend testing for validation testing
* Performed **Integration Testing**, **Security Testing, Positive & Negative Testing.**
* Participated in daily and weekly meetings with the development and SMEs for project status.
* Involved in peer reviews and team walkthroughs for the projects.
* Executing, Reporting and Tracking the defects through **IBM Clear Quest**.
* Involved in **SOAP** and **Restful Web services** and **XML**testing using ‘**SoapUI**’.
* Responsible for building complex Request XMLs for HTTP-Based and SOAP-Based services based on the client’s requirements.
* Validating Request and Response XMLs based on the mapping documents.
* Involved in manual testing of ‘Financial Information eXchange’ (FIX) message logs, outputs and error files during test on different UNIX boxes.
* Executed Strong SQL Queries to perform **Back End Testing**.

**Environment**: QTP 9.2, Clear Quest, SoapUI, Web Services, SQL, Oracle, TOAD, Windows 2000/ XP/7, UNIX, HTML, XML, MS Office Tools.

**Cyient, India JAN 2012 TO NOV 2013**

**Test Engineer**

This project was for the Automobile Finance division. The department in the company provides customers with loan solutions to pay for and manage the cost of automobile. Customer-centric database was built to analyze transactions across finance, marketing, risk, collections, and consumer relations were developed.

**Responsibilities:**

* Analyze Business, System requirements and **Test Requirements Document (TRD)** that are being loaded in HP Quality Center.
* Wrote and executed test cases in HP Quality Center for **System Testing** and **User Accepting Testing (UAT).**
* Managed defects using Defect module of HP Quality Center.
* Managed **automated** and **manual test cases** in HP Quality Center.
* Exported test cases from excel to HP Quality Center using the MS Excel Add in.
* Coordinated in execution of automated testing where used HP **QuickTest Professional** (QTP) tool.
* Involved in **Regression** and **Functional Testing.**
* Reviewed Business Requirements Documents, Use Cases and the Technical Specifications. Wrote Test Plans and Scenarios that specify Testing overview.
* Active participation in developing **Test Plans** and **Test Cases**, execution of Test Cases and analyzing of **Test Results**.
* Involved in writing **Test Plans** and **Test Strategies** for both Manual and **UAT Testing**.
* Tested the backend database using SQL queries and worked with where, group by, and having clauses.
* Experience with testing tools and for data manipulation and Data cleansing.
* Involved in testing of web services using **SoapUI** and Broken links for enhancements.
* Participated in Group meetings with developers and end users to exchange updated status and interacted with developers to resolve technical issues.

**Environment:** HP Quality center, QTP 9.2, MS Excel, SOAP, HTML, CSS, Visual studio 2005, SQL.