**Prasanna**

**PROFESSIONAL SUMMARY**

* 8 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**with **BlazeMeter, Load Runner**.
* 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 I, Jeer.
* Experienced in **Automating** Tests using **QTP**,**Selenium Webdriver**, **Selenium** IDE, **Selenium** Grid Test Framework using Java,**TestNG**, and **Junit.**
* Creation and execution of **Checkpoints** and **Breakpoints** in Automation testing .
* Worked on **Webservices SOAP UI and SOATest** and validated Request and Response .
* 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 using Integration, 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, Python, 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**

**Sr 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:**

* Interacted with BA’s and Team lead to obtain specific system requirements and develop **Test Plans**, **Test Scenarios** and **Test Plans**.
* Executed manual scripts and participated in **UAT activities**.
* Created Automation test framework using Selenium .
* Modify Updating of Automation scripts and execution of multiple browsers.
* Scripting the test cases for regression using**Selenium**WebDriver using Java
* 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 .
* Extensively used**SeleniumWeb Driver** (data-driven, XPath locator) to test the web applications .
* Used **Selenium Web Driver** with java plug-in to generate automated test scripts for functional testing, GUI testing and enhancing the existing scripts .
* Used **TestNG** for writing API test cases and executing them as a test suite for certain modules.
* Implementation of Python module to handle the text and language processing, use of bridge in jython to ensure that java program can interact with the java module.
* Performed Regression Testing for every modification made in the application and new builds using **Selenium Web Driver**.
* Worked with Test Complete to have access to methods and properties of Java application objects during tests .
* Involved in designing scenarios in **JMeter** with **BlazeMeter** to perform Load and Stress tests and to analyze results .
* Reviewed **test results**, issues and defects related to business units.
* Manage defect process, analysis, and assignment and report and verify all bugs
* Performed cross Browser compatibility testing on different Operating Systems using**Selenium WebDriver**.
* Used Bugzilla for defect tracking purpose .
* Extensively used **T-Sql** to verify and validate data loaded to SQL Server 2012.
* Worked closely with developers to verify functionality of the application .
* Attended daily project scrum meetings and weekly team status meetings .
* Report on testing progress to the Project Manager and other designated project personnel.

**Environment:**Selenium Web Driver, Java, TestNG, Bugzilla, Eclipse, IE, Quality Center Firefox, Agile Methodology, Selenium, Eclipse, Python Web Services Restful SQA Team Suite, SOAP, Test Track Pro, SQL Server management Studio.

**John Deere, Moline, Illinois JAN 2014 to 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:**

* Worked on all phases of SDLC i.e. requirement gathering, gap analysis, worked with developers, building test strategies which involves test scenarios, test cases, test execution, and post production validations.
* Tested the web application and performed **integration testing** between ERP and CRM application.
* Involved in verification, validation, functional, GUI, System integration and regression testing .
* Written both **Manual and Automation** test cases .
* Involved in Reviews of test cases and automation test scripts .
* Performed functional testing of the front end using **SeleniumWeb Driver** and created data driven framework using **TestNG**.
* Performed Browser Compatibility Testing of Web Application on different browsers Internet explorer, Firefox, Google Chrome and Safari .
* Performed Integrated Testing with**Selenium**using Eclipse to generate test execution result .
* Automated regression test cases using Java Responsible in executing**Selenium**test scripts.
* Developed**Selenium WebDriver** test cases using Java, **TestNG** framework .
* Using **Jmeter** tested both valid and invalid cases by providing appropriate output response code
* Involved in Setup maintenance and Bug reporting/closure activities .
* Prepared test data and test results (input / output files) for data driven method.
* Reported defects using Quality Centre to the development team and followed up for the defects.
* Involved in **Functional, Regression** and **white Box Testing .**
* Participated in the team walkthrough, Inspection and Technical Review meetings to discuss the issues arising out of testing .
* Involved in **user acceptance testing (UAT),** maintaining quality procedures, and ensuring that appropriate documentation is in place .
* Communicated with design, development and test team

**Environment**: Java, Eclipse,TestNG, Java Script, Selenium WebDriver/IDE, Quality Center, UNIX.

**Client: Key bank, Cincinnati, OH AUG 2012 to DEC 2013**

**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:**

* Gathered specifications and requirements to develop Test Plans and to create Test Cases using Quality Center .
* 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 Analyzing 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 .**
* Used **Firebug Tool** to identify the Object's id, Name, XPath, link in the application .
* Developed the Automation Test Scripts using Java and execution using **Selenium** .
* Used**Jmeter** Tool checked and verified Web Service request and response code using RegExpressions.
* Involved in executing all**Selenium**test scripts on the different browsers and checked for compatibility.
* Investigated software bugs and maintained reports, tracked defects .
* Prepared detailed reports of Bugs and Defects, Pass/Fail reports and comparison analysis, and interacted with the development teams, application and data architecture team, migration and build teams and the DBA team to report and correct defects.
* Extensively used **Quality Center** for test planning, maintain test cases and defects.
* Categorized bugs based on the severity and interfaced with developers to resolve them.
* Execution of **Smoke tests** to ensure the deployment of each environment is stable.
* Prepared status summary reports with details of executed, passed and failed test cases.

**Environment**: Agile Methodology, Java, J2EE, Selenium, Quality center, UNIX, MS Office and SQL Server.

**Lincoln Financial Group**, **Philadelphia, PA NOV 2010 to MAY 2012**

**QA Analyst**

Description: Lincoln Financial Group is a Fortune 500 company offering a diverse range of financial services and solutions. With a strong focus on four core business areas - life insurance, annuities, retirement plan services, and group protection - our business is built around supporting, preserving, and enhancing our customer's lifestyles and providing better retirement outcomes.

**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 OCT 2008 TO NOV 2010**

**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.