**Prasanna**

**PROFESSIONAL SUMMARY**

* Over 6+ 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
* 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.
* 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, (Information Technology), JNTU
* Kent State University, Kent, Ohio

**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**

**Sr Automation engineer (Selenium)**

**SEP 2015 TO PRESENT**

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 to perform Smoke testing.
* Performed Regression Testing for every modification made in the application and new builds using Selenium Web Driver.
* Performed Unit testing with Junit framework .
* Worked with Test Complete to have access to methods and properties of Java application objects during tests
* 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 Jira for defect tracking purpose
* 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, Jira,Junit, Test Complete, Eclipse, Quality Center Firefox, Agile Methodology, Selenium, Eclipse, SOAP, Test Track Pro.

**John Deere, Moline, Illinois**

**QA analyst (Selenium)**

**JUN 2013 to AUG 2015**

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 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
* 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

**Lincoln Financial Group**, **Philadelphia, PA**

**QA Analyst**

**DEC 2011 to MAY 2013**

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 20010 TO NOV 2011**

**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