**Prasanna Jetti**

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**QA Manual & Automation Tester**

**PROFESSIONAL SUMMARY**

* Over **9+ years** of Experience as a QA Test Engineer using **Manual &Automation Testing** of web and Mobile application, client/server with specializing in software Assurance Testing and QA Automation Engineer.
* Expert in developing Automation testing frameworks using **Web-driver**, **Appium** and **Protractor** with JS.
* Proven ability in designing and creating Automation frameworks for J2EE based applications using **Java, Junit/ TestNG, Selenium WebDriver/IDE/Grid, ANT/Maven, SOAP UI, Cucumber and Jenkins**.
* Experience in developing end to end Automation using Selenium **WebDriver/RC/IDE/Grid, Junit/TestNG, ANT, Maven, Jenkins, Cucumber, Jmeter, Web Services (REST, SOAP).**
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center, JIRA, IBM Clear Quest, BugZilla**.
* Ability to Design and develop Automation framework **(Page Object Model**) based upon the functionality of application.
* Working experience with defect tracking tools like **Clear Quest**, Jira, MTM, Test Director/Quality Center (QC), Bugzilla and Team Foundation Server.
* Experience in **Appium tool**, for mobile testing in **Android and IOS** applications.
* Knowledge on Automated Web Services using **Soap UI, REST Assured**, **LISA** with knowledge of **WSDL, RESTful, UDDI, eclipse.**
* Programmed automation tests for quality assurance using **C#** in **Ranorex**.
* Extensively worked on Database testing using **SQL, PL/SQL, SQL PLUS and TOAD.**
* Working in **CI** (Continues Integration) process as part of continues integration testing and taking responsibility to complete testing End to End of the application.
* Extensive knowledge in **Protractor framework** for Applications developed with **Angular JS**.
* Administration of user accounts and managing their permissions, hands on experience on troubleshooting the connection issues of users with **TFS** and **Jenkins.**
* Knowledge in working With **Team Foundation Server (TFS)** […] Subversion and Git.
* Utilized both automated and manual testing software using **Ranorex**.
* Specialized in **Performance Testing** applications using load-testing tool **Jmeter** and knowledge in **Load Runner**.
* Excellent working experience in **Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC**) and testing methodologies like **Waterfall & Agile/Scrum**.
* Developed automated scripts and frameworks using **Python, Java, C#, Java Script**.
* Worked on source version control tools such as Subversion (**SVN**), **TFS** and **Git**.
* Proficient in using **Quality Center, POS, Rally, JIRA, Clear Quest**, **Bugzilla.**
* **Selenium (Web Driver)** using Java. Knowledge and familiarity with different QTP and Selenium automation frameworks.
* Expertise in setting up and carrying out **browser compatibility** testing environment with different browsers and versions of **Internet Explorer, Mozilla Firefox, Google chrome** on different OS like **windows and MAC**.
* Have involved in **Agile methodology testing** in previous projects for 3 yrs
* Excellent Communication, Interpersonal, and Team Player Skills, Quick Learner and Self Starter, strong organizational and multi-tasking skills.

**TECHNICAL SKILLS**

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| --- | --- |
| **Testing Tools** | Selenium Web Driver/IDE/GRID, Mercury QTP, HP Quality Centre, JUnit, Cucumber, Firebug, Fire path, TestNG, JXL, SOAPUI, Coded UI, Appium (Mobile Testing),LISA 4.6.7,LISA 4.6.4, Rest Assured, Ranorex. |
| **Language/ Script** | Java, JavaScript, Ruby, VBScript(UFT), C, C#, Python. |
| **Frameworks** | Junit, TestNG, TDD, BDD, Mockito, Protractor, Jasmine |
| **Firefox Add-ons** | XPath, Firebug |
| **Web development** | HTML, VB Scripts, XML, CSS, Flash, JavaScript, Ruby, Perl, Python. |
| **SOA Technologies** | SOAP, REST, WSDL, UDDI, Web Services, SOAP UI |
| **Bug Tracking Tools** | HP Quality Centre (9, 10, 11.0), Bugzilla, Visual Studio TFS (2008, 2010, 2012), JIRA. |
| **Build/ CI Tools** | Ant, Maven, Jenkins, Hudson. |
| **Databases Technologies** | MS SQL Server 2000/2005, OLAP and OLTP, Oracle 9i/10g, MS Access 2000, TSQL, Oracle PL/SQL, SQL Plus, TOAD, SQL Loader, MYSQL |
| **Platforms** | Windows 7/Vista/XP, UNIX, Linux |

**PROFESSIONAL EXPERIENCE:**

**Client: Williams Sonoma, SFO, CA Aug ’16 – Present**

**Role: Senior QA Automation Engineer/Webservice tester**

**Responsibilities:**

* Worked on **Agile(SCRUM)** Methodology and used **Rally** as test Management tool.
* Created and executed Manual and Automation test cases**,** raised defects and tracked the same to closure.
* Developed and maintained **automation sanity** and **regression Test Sets** for Web Application and Mobile Application using open source tools **selenium Web Driver, Protractor**and **Appium**.
* Worked on setting up CI (continuous Integration) in **TFS and Jenkins**
* Created groups/users and defined user permissions for the projects in **TFS.**
* Developed automation framework and scripts for End to End (e2e) testing using Selenium WebDriver, **Protractor, Jasmine** and **JavaScript**.
* Involved in creation of Automation framework in Selenium WebDriver using behavior driven approach like C**ucumber.**Designed smoke, sanity, acceptance, functional and regression test cases.
* Automated highly transactional web application using **Selenium WebDriver**.
* Execution of automated Test Scripts through **Maven**. Used Maven for building the **WebDriver** project.
* Used Unit Test **Python library** for testing many **Python programs** and block of codes.
* Wrote **Python scripts** to parse XML Involved in building database **Model, APIs**, and Views utilizing **Python** technologies to build web based applications. documents and load the data in database.
* Developed automated processes using mainly Blue Prism supported by Python, and Perl scripting. Integrated existing tools into robust solutions and spearheaded the 'self-healing network' initiative.
* Developed MSSQL Server Stored Procedures and **Python Scripts** were designed and developed for Data Import/Export and Conversions.
* Prepared manual & function test cases on web and mobile applications (Apple & Android) as per requirements.
* Implemented **Page Objects**, **Data Driven**, **Keyword Driven**, Hybrid automation frameworks using **Selenium.**
* Created a **POM (**Page Object Model**)** with **TestNG** as a unit testing tool and **Jenkins** as a Continuous Integration Tool.
* Also responsible for converting automation scripts to new framework using **Selenium WebDriver, Java and TestNG.**
* Involved in testing **Web services** and **XML** with tool called **Ready Api**. Used this tool to locate **WSDL** file on internet, create Test cases, run them, do load testing, security testing.
* Validated **Web Service modules using Ready Api**(Preparing Web Service request and added authentication information in Soap Header.
* Involved in developing the automation script for Mobile Native applications (IOS, Android) using Appium, Java.
* Knowledge to use the Device Farm console to create and manage projects and runs for testing.
* Hands on Experience on testing **web services (SOAP, REST)** using **Ready Api Tools.**
* Applications, **Web Services and Mobile Apps** in different domains using various tools like **Selenium, QTP, Ready Api, Soap, Appium, J Meter, JIRA, etc.**
* Testing **Rest apis** using **Postman** where I have created manual test cases.
* With **Postman** i have createdtest suit fortransaction system.
* Implementing **End to End Automation and Manual tests by consuming the APIs** of different layers.
* Responsible for back-end API testing with **Ready Api** and coding in **groovy** and **Java**.
* Performed **web services testing** using **Ready API** by validating request and response using JSON.
* Writing **Manual test cases (Functional testing)** as well for the User stories.
* Executed the test plans on web and mobile **(Apple & Android)** as per requirements using **Appium tool**.
* Implemented **simulator** for Mobile App Testing in Android Platform using **Appium**.
* Performed **Regression Testing** at various phases of development life cycle for impacted existing functionality.
* Good knowledge on performing **Unit testing**, helped developers in Unit testing in test driven development.
* Implemented numerous **Agile-Scrum User Stories** and leading meetings as **scrum master.**
* Creating and assigned tasks in **Rally** and **Jira** using **wire frames and RSD**.

**Environment:** Python Gherkin, Cucumber, Selenium, Maven 3.1.1, Eclipse, Git, Mockito, JIRA, Appium, Protractor, Soap UI, Ready API, Jenkins, TestNG, Agile(SCRUM), LISA, Postman, 4.6.7, Webservices, Api testing.

**Client: Branch Banking & Trust Company - Chicago, IL Nov ’14 – Jul ’16**

**Role: Automation Tester/Mobile Tester**

**Responsibilities:**

* Designing, reviewing, maintaining and executing test scripts manual and automated using **Appium** and **Selenium Web driver.**
* Identified test cases to automate the test cases using **Selenium WebDriver**, **Junit** and **Java (Eclipse IDE)** and Contributed in creation of framework.
* Created all Test Plans, Test Cases and **Manual** and **Automated Scripts** to create greater coverage for all initiatives assigned.
* Responsible for back-end API testing with **Ready API** and coding in **groovy** and **Java**.
* Extensive Test Cucumber experience using Cucumber, Selenium Webdriver in Ruby framework.
* To verify the behavior of the system under test used Mockito Framework
* **Used Postman** for different http request patterns used json files to create request headers and body validate the response object.
* Used emulators and IOS simulators to perform the manual Mobile testing.
* Involved in testing Web services and **XML** with tool called **Ready Api**. Used this tool to locate **WSDL** file on internet, create Test cases, run them, do load testing, security testing.
* Validated Web Service modules using **Ready Api tool** (Preparing Web Service request and added authentication information in Soap Header).
* Executed SOAP based web services **API testing (Java client and Ready Api**).
* Responsible for Setting up **Web Services** project using **WSDL in Ready Api** and provided setup help to other team members.
* Performed troubleshooting, fixed and deployed many **Python bug** fixes of the two main applications that were a main source of data for both customers and internal customer service team.
* Skilled in using collections in **Python** for manipulating and looping through different user defined objects.
* Knowledge to use the Device Farm console to create and manage projects and runs for testing.
* Used **Python unit** and functional testing modules such as unit test, unit test2, mock, and custom frameworks in-line with Agile Software Development methodologies
* Developed regression test scripts using **POM (Page Object Model)** framework and integration test scripts with **Jenkins** for **CI (Continues Integration)**.
* Cucumber was used for entire **regression testing** and **functional testing** with primary tool as Selenium to test Scenarios, test Cases and Test conditions identified.
* Resolved object recognition issues using recovery scenario feature of **UFT.**
* Performed regression Testing on various **O.S devices** and their respective **simulators** and actively participated in executing the test scripts on **Android & IOS**.
* Used **Protractor framework** for Applications developed using **Angular JS**.
* Performed **smoke testing** in **UAT** and production environments for deployment verification.
* Testing home page in different mobile and Tablet devices.
* Creating **Test data** in QA environment and **reporting**& **tracking** the bugs via **Bugzilla.**
* Attending daily stand-up, weekly meetings with the US counterparts as part of Agile processes.

**Environment:** Java, Eclipse, UFT, Python Selenium, JIRA, SOAP UI, ANT, Junit, Cucumber, BDD, Agile, Mobile Testing, Postman, LISA 4.6.4, Webservices, Ready Api, Mockito.

**Client: Cato Corporation, Charlotte, NC Jan ’13 – Oct ’14**

**Role: QA Automation Tester**

**Responsibilities**:

* Reviewed all the Requirement documents, Functional Specification and Use Case documents.
* Analyzed the functionality and designed test cases for both **functional** and **regression** testing and editing of automated script by inserting logical commands to handle complicated test scenarios.
* Performed **functional**, **integration**, **black-box**, and **system**, **regression**, and **user acceptance** tests.
* Automated Regression Test cases using **Selenium Web Driver**, **Jenkins** and **Maven**. Used **Firebug** and **FirePath** plug-ins to find the elements on the web page based on the element locator ID, Name, Tag, Class Name, XPath, Link Text, Partial link Text and CSS Locator.
* Design the Test Plan and update test cases for the project on every release with released version in **Jira**.
* Executed the **functional test cases**, tracking the bugs using **Jira** tool and driven defects to closure.
* Used **python** to develop Automation framework to Validate **RESTful** Web Services.
* Worked on Protractor, Java scripts to automate angular JS application.
* Used **SVN** tool for **Source code management** and also used **Selenium Grid** for parallel, Batch Test Execution.
* Involved in analyzing and feasibility check of a newly added functionality for automation. Design and implement **Hybrid Driven Framework** approach using Selenium Web Driver.
* Performing the **regression testing** on different environment **(Staging, DevCenter and live)**.
* Developed test suite for all the Web service operations in the **Ready Api** **test tool**.
* Tested the application in highly dynamic environment with sprint team using **agile methodology**.
* Performed User Acceptance Testing and prepared the Test Data.

**Environment**: Selenium, Java, Cucumber, Ruby, Soap UI, Restful, Python, Web driver, SVN, Agile, LISA 4.6.4

**Client: Cerner, Brooklyn, NY Oct ’11 – Dec ’12**

**Role: QA Analyst**

**Responsibilities:**

* Involved in Analysis, Understanding the requirement specifications.
* Creation and Execution of **manual test cases**.
* Involved in **debugging** the stored procedures written for the business rules tester.
* Analyze testing results and defects, and provide recommendations to development team.
* Reported the **bugs/defects** through **Quality Center.**
* Worked in **Agile Scrum Development** Environment with frequently changing requirements and features set.
* Performed **regression tests** on the application to assure proper functionality of the site after new builds.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex **SQL queries** from oracle database.
* Prepared user documentation with screenshots for **UAT (User Acceptance testing).**
* Participated in daily, weekly meetings and technical reviews. Prepared reports showing the testing efforts.
* Performed **Back end testing using SQL queries** to make sure that data entered has been uploaded correctly into the database tables.
* Verified **SQL** queries against backend database to ensure test codes retrieve the right data on testing.

**Environment:** QTP 9.2, VB script, Quality Center 9.0, manual testing, Oracle 10g, SQL, Agile.

**Client: Birla Group, Ahmedabad, India Feb ’10 – Sep ‘11**

**Role: Manual Tester/ Performance Tester**

**Responsibilities:**

* Experience in leading a **Manual Testing** assignment and successfully tracked progress of **Manual testing** effort.
* Well versed with **ALM/Quality Center to track progress of Manual Testing Projects.**
* Experience includes the testing of Client/Server, SOA and Web applications using Manual and Good experience in creating, modifying and enhancing both manual Test Scripts and Test Scripts created.
* Used **Quality Centre** for preparing the Test Plans and manual Test scripts.
* Implemented and developed **Test Plan, Test Cases, Test and Test Reports, Defect Reports** for **Manual tests.**
* Performed **Performance Testing** applications using load-testing tool **Jmeter** and knowledge in **Load Runner**.
* Used **Load Runner** for web services based performance testing.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex **SQL queries** from oracle database.
* Performed **Back end testing using SQL queries** to make sure that data entered has been uploaded correctly into the database tables.

**Client: ING Vysya, Hyderabad, India Jun ’08 – Jan ‘10**

**Role: Manual Tester**

**Responsibilities:**

* Involved on testing the new functionalities based on **test cases** and coordinated with development team in fixing the issues.
* Good experience in **Agile** and **Waterfall** methodology
* Involved in **Release support** - Release to QA, involved in environment setup, testing the release process.
* Ensure that all the **test cases** are updated in the **Test Director** along with **Master test plan**.
* After successful release of projects, developed **automation scripts** using **selenium** and integrated the script with master script.
* Tested **critical bug fixes** including critical fixes and **coordinated with developers** in release of bug fixes meeting tight timeline.
* Defects were tracked, reviewed, analyzed using **Test Director**.
* **Designed and documented test cases** derived from requirements.
* Manually verified the applications according to the requirements, **Modified automation** scripts as test case changes.