**Beena Paul**

[**beena.ip3@gmail.com**](mailto:beena.ip3@gmail.com)

**925-264-9416**

Over 7.5+ years of experience in software quality assurance. Highly motivated Quality Assurance Engineer with experience in testing web services, client servers, web based and mobile applications.

**Professional Experience:**

* Exposure to all stages of SDLC (Software Development Life Cycle), Software Test Life Cycle (STLC) and software development methodologies such as **Agile**, **Waterfall** and **SCRUM**.
* Exposure to **Continuous Integration** and **Continuous Delivery.**
* Expertise in automating the software testing environment with open-source tools like **Selenium WebDriver, HTTPClient, Appium, Java, Apache POI and TestNG**
* Expertise in both **manual** and **automation testing** of **Web services**.
* Designed and developed Automation Frameworks using**PageObject, DataDriven** and UIMapping patterns.
* Experience in Rest API Automation using **RestAssured, Java and TestNG** based framework.
* Extensive Experience in **Web Services** testing (**SOAP and REST API’S**) using **SoapUI [Functional]** and **JMeter [load /performance].**
* Experience working with **Mobile Automation** using **Appium** for Android and IOS native devices.
* Hands on experience working with locators using **UI Automator Viewer** and **Appium Inspector**, Knowledge on debugging services like **ADB, DDMS and Logcat** w.r.to android mobile automation using **Appium**.
* Experience in parallel testing using **Selenium Web Driver, Selenium-Grid and TestNG.**
* Experience working with cloud based platforms like **SauceLabs** and **BrowserStack** for grid setup.
* Worked with Scenarios, Features and Step definitions using **CucumberBDD framework.**
* Worked on POC to perform **Angular.JS apps** Automation using **Protractor.**
* Experience working with NoSQL database – **Mongo DB**
* Experience working with **UNIX Shell Scripting**.
* Experience in web technologies like **JavaScript, XML, XPATH, XSLT, AJAX, HTML, CSS, and SOAP.**
* Worked with **Database testing** using **SQL** w.r.to **Data Mapping** and **Data Integrity.**
* Experience in **Unit Testing** using **JUnit4** and **TestNG.**
* Proficient in **Functional**, **Regression**, **System Integration (SIT)**, **Acceptance (UAT)**, **Browser compatibility** and **Performance Testing.**
* Developed/maintained **Test Plans, Test Cases, Test Scripts, Black Box/White Box Testing, Defect Tracking** and **Metrics** for both **Manual** and **Automated Test** environments.
* Knowledge on**Python**and **Python-Selenium** test automation frameworks.
* Experience in developing in **Core Java** programming using **OOPS** concepts.

**Technical Skills:**

**Defect/Bug Tracking Tools:** Rally, JIRA, Quality Center, BugZilla

**Automation Testing Tools:** Selenium WebDriver, HttpClient, RestAssured, Appium, SoapUI, Protractor

**Performance Testing Tools:** JMeter, LoadRunner

**Operating Systems:** MS Windows, UNIX (Solaris), Linux (Red Hat), Mac OS

**Programming Languages:** Java, Python, Java Script

**Web Technologies:** HTML, CSS, XML, XPATH, XSLT, AJAX, SOAP, WSDL

**RDBMS:** Oracle10g, MySQL, MongoDB

**Scripting Languages:** SQL, Groovy, Shell Script

**Walmart Ecommerce, San Bruno, CA March 2016 to Present**

**QA Automation Engineer**

**Description**: Walmart offers third party sellers to sell their product on Walmart.com. Supplier center helps Supplier to set up their items online either creates single item or upload multiple items using item import category templates and update it.

**Responsibilities:**

* Developed the automation scripts using WebDriver for functional testing.
* Worked with Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins to automate routine jobs.
* Implemented Page Object Model,DataDriven testing in Automation framework with Java, Selenium WebDriver.
* Designed and develop Selenium Hybrid Automation framework using Java, TestNG, Apache POI, and Maven.
* Used Maven, Git, Java and Selenium Grid to create nightly automation scripts.
* Integrated with Jenkins for running test on regular basis automatically.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Jenkins.
* Used JMeter for Web application and API performance testing.
* Wrote test scripts in Appium (Java + Selenium) to test mobile application functionality foriOS and android devices.
* Integrated Appium with Continuous Integration tool- Jenkins
* Used RestAssured for REST API automation using Java.
* Designed automation steps, identifying objects and created test scripts.
* Analyzed testing results and defects, and provided recommendations to development team.
* Reported the bugs/defects through Rally.
* Worked in Agile Scrum Development Environment with frequently changing requirements and features set.
* Participated in daily, weekly meetings and technical reviews. Prepared reports showing the testing efforts.

**Environment:** JAVA, Selenium WebDriver, TestNG, Appium, RestAssured, JMeter, iOS, Android, Rally, Maven, POM, XML, HTML, JSON, JavaScript, XPath, Eclipse IDE, SQL, Oracle

**Blackhawk Network, Lewisville, TX March 2015-Feb2016**

**QA Analyst**

**Descriptions:**

Blackhawk is mail-in rebate Service Company which develops an automated mail-in rebate processing services for the clients who has the ability to create a profile on the website, enter the mail-in rebate and query his/her mail-in rebate status. This project was done to develop new Billing system UI Portal and Backend database which integrates with different websites which are created for carrying out the administration of mail in rebate software.

**Responsibilities:**

* Analyze business requirements, create testing strategies and prepared Test Plans, **TestCases**, Test Scripts as per **Functional** and **Business** requirements.
* Developed **Selenium Automation** Framework with **Java** using **Hybrid Driven Model** (Keyword, Data Driven).
* Established continuous integration builds to build as code is checked-in and executed sanity test suite to validate the code checked-in.
* Developed test scripts on HttpClient and Java to perform **API** testing.
* Implemented new improved Performance Strategy and methods of **Quality** Performance Process improvements for project.
* Developed test scripts using **Groovy** for data driven testing of **SOAP WebService** using **SOAPUI**.
* Used **Groovy**(Set up and teardown **script**, **Files**, **Looping**) to wrote test scripts for **SOAP WebServices** for data driven.
* Involved in migrating soap based web servicing testing to **Rest API** testing [**XML**/**JSON**].
* Improved the efficiency of the **SDLC** by participating very early in the **cycle**, identifying gaps in the requirements and catching issues early.
* Performed testing of the web applications on multiple browsers, such as **IE**, **Firefox**, **and Chrome**.
* Involved in writing SQL queries and UNIX scripts for debugging purpose.

**Environment**: Selenium Web Driver, Java,HttpClient, SOAP UI, Maven, Git, Xml, Oracle Sql Developer

**Sears.com - Chicago, IL Sep 2013 – March 2015**

**QA Analyst**

**Description**: Sears.com is an American online retailer with quality products. It is publicly traded company listed on the NASDAQ Global Market System. Scope of project was to test the complete flow process of selecting a product, until end of its checkout process. Worked in various modules like order-management, products-management and seller apps and gave support for the other modules using advanced testing tools.

**Responsibilities*:***

* Evaluate the project requirements; determine and define the testing objectives and approaches.
* Responsible for providing estimates, testing strategies, test plans and test execution summaries.
* Involved in preparation of Project plan to give the timelines and resource estimations for testing activities.
* Used **Maven**, SVN**, Java, Jenkins and Selenium Grid** to create and execute automation scripts.
* Involved in extracting data from the database and injected it in selenium scripts to make dynamic **Automation framework.**
* Developed **Selenium test scripts** for identified test cases using Page Object Design Pattern.
* Setup the Automation framework using **Selenium Web Driver** and **TestNG**features to run test cases in multiple browsers and platforms.
* Performed **Java API** testing with **JUnit**automated tests
* Used **Selenium Web Driver** and **TestNG** to run the parallel testing.
* Created and executed the test scripts with **Java**.
* Created performance test scripts using **JMeter** to monitor response time and performance of the web application.
* Used **JMeter** for Preparation/review and execution of automated test scripts.
* Helped in performance testing for **API** using **JMeter**, by writing and running the performance test, collect data, and generate reports.
* Testing the product, creating any defect and track any issues in **Rally**.
* Used **SOAPUI** for testing **SOAP** based Web Services
* Executing manual testing of key **ecommerce** business processes through website, ERP and WMS.
* Tested and improved the quality of the company **ecommerce** website for building shopping carts, tracking customer orders, checkout and payment processing.
* Performed **functional and performance testing** of Web Services.
* Used build tools **"Maven**" and Continuous Integration tool "**Jenkins**”.
* Created automation scripts in **SOAPUI** using **Groovy Script** for web services testing.
* Worked closely with the developers within the **Agile SCRUM** team.
* Extensively worked on **Mobile** testing
* Written shell scripts to execute test scripts on batch process.
* Used **SQL** for data integrity testing, captured the **SQL** statements from the application execution and manually checked the results.

**Environment**: Selenium Web Driver, Eclipse, SOAPUI, JUnit, Maven, TestNG, JMeter,Rally, Android, ecommerce, Scrum methodology, SQL, Java, Shell Scripting

**Costco, Kirkland, WA June 2012-Aug 2013**

**QA Engineer**

**Description:** Costco Wholesale Corporation is a membership warehouse club, it provides a wide selection of merchandise, and it is dedicated to providing its members low price quality brand-name merchandise.

**Responsibilities:**

* Understanding the Business requirements, Application and function specifications, Design documents
* Involved in writing and designing templates for the Test Plans and Test cases
* Involved in Preparation of Test Scenarios and review of Test Cases.
* Involved in updating and executing test cases according to requirements.
* Worked on Smoke, Functional and regression test cases based on the requirements.
* Involved in migration from Selenium **RC** to **WebDriver**.
* Designed, developed and implemented Hybrid Driven automation testing framework utilizing Java, TestNG and Selenium WebDriver.
* Participated in the technical and test case walk-throughs.
* Reported bugs in the Bug Tracking spreadsheet and **JIRA**.
* Provided timely status, issue closure
* Positive, Regression and User Acceptance Testing.
* Prepared various reports based on different stages of Testing.
* Interacted with developers, users and various members of the team to discuss issues, resolve defects and set priorities.
* Worked closely with business analysts and development team members.
* Participated in conference coordination meetings with teammates across time zones.
* Maintained project detail documents in SharePoint.
* Escalate issues/problems to higher management as appropriate.
* Dig into areas of concern for root cause analysis.

**Environment:** Selenium WebDriver, JUnit, JIRA and Various Web Browsers**.**

**UST Global, Kerala, India Nov 2009-Sep 2011**

**QA Engineer**

**Client: Costco**

**Description**: **UST Global** specializes in Healthcare, Retail & Consumer Goods, Banking & Financial Services, Media & Entertainment, Insurance, Transportation & Logistics and Manufacturing & Utilities.

**Responsibilities:**

* Started working relationships with developers and project managers.
* Executed test cases in **QA,** Staging and Production environment, which mainly involves Sanity and End-to-End testing.
* Identified the queries which were taking too long and optimized those queries to improve performance.
* Involved in developing and executing automated test scripts to support testing requirements using Quick Test Professional (**QTP**).
* Handled dynamic objects using Descriptive programming with **QTP**.
* Implemented and automated regression test scripts based on business requirements using **QTP**. Enhanced the scripts by adding control and conditional statements.
* Used Checkpoints to see the proper functioning of application and Parameterized tests using **QTP**.
* Delivered automated scripts using QuickTest Professional by creating **BPT\'s (business process testing)**. Used Quality Center\'s “Test Plan” to create the execution flow of test scripts and parse parameters.
* Database Change Verification testing using **Oracle-Toad and SQL queries.**
* Prepared user documentation with screenshots for **UAT (User Acceptance testing).**
* Defect logging, maintenance and tracking for closure after re-testing of defect fix. Review of the **test cases** and **test results** documents prepared and tested by offshore team

**Environment:** ClearQuest, XML, JavaScript, Web Logic, Oracle, SQL,QTP.

**Spectrum Softtech Solution (P) Ltd, Kerala, India Oct 2007-Sep2009**

**Java Programmer**

**Description:**

Spectrum Softtech Solutions Pvt. Ltd., Kochi, Kerala was incorporated as a private limited company in 1998 In July 2006, Spectrum became the first Private-Sector IT Park in Kerala. Spectrum offers including Software Development, Web Designing/Development, Domain Registration, Web Hosting, Server Administration (Windows/Linux), Voice Technical Support, Remote Server Administration, Server Co-location, Search Engine Optimization, Medical Transcription and E-Commerce solutions.

**Responsibilities:**

* Involved in the design and development of the applications as per the client requirements using Core Java, JSP and Webservices.
* Involved in the development of Job Scheduler software module using Apache open source Java based scheduler called as QUARTZ Scheduler and Spring HTTP INVOKER Webservice.
* Involved in the development of Banker software module using Spring JAX-RPC Webservice and APACHE AXIS.
* Developed data access object (DAO) layer for Job Scheduler and Banker module using Spring JDBC API (Stored Procedures).
* Worked on maintenance tasks w.r.to Struts, Spring integration module.

**Environment:** Core Java, JSP, Struts, Spring, Webservices