**Sri Latha**

**Professional Experience:**

* 7.5+ years of diversified software **Quality Assurance** experience in manual testing, UI, API, and Mobile automaton.
* Exposure to all stages of **SDLC (Software Development Life Cycle), Software Test Life Cycle (STLC)** and software development methodologies such as **Agile** and **Waterfall**.
* Exposure to **Continuous Integration** and **Continuous Delivery.**
* Expertise in automating the software testing environment with open-source tools like **Selenium WebDriver, RestAssured, HTTPClient, Appium, Cucumber, JUnit and TestNG.**
* Expertise in both **Manual** and **Automation Testing** of **Web Services**.
* Designed and developed Automation Frameworks using **Page Object, Data Driven** and **UI Mapping** patterns.
* Experience in **Rest API Automation** using **RestAssured and Cucumber** BDD 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/Desktops.**
* Worked with **Android Monitor, ADB, logcat, Xcode** for debugging and used **PageObject pattern**

With **Page Factory** to reuse locators for **Android and iOS.**

* Experience in parallel testing using **Selenium WebDriver, Selenium-Grid and TestNG.**
* Experience working with cloud based platforms like **Sauce Labs** and **BrowserStack** for grid setup.
* Worked with Scenarios, Features and Step definitions using **Cucumber BDD framework.**
* Worked on POC to automate **AngularJS** applications using **Protractor.**
* Experience working with **AWS EC2 and S3** environments.
* Experience working with **NoSQL database – Mongo DB**
* Experience working with **UNIX Shell Scripting**.
* Experience in web technologies like **JavaScript, XML, XPATH, HTML, CSS, and SOAP.**
* Worked with **Database testing** using **SQL** w.r.t **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 |

**GE- San Ramon, CA Oct 2016 to Present**

**QA Automation Engineer**

**Description**: GE Digital is the Team behind the first Industrial based Cloud Operating System called Predix Brilliant manufacturing is a suite of tools to help managing a manufacturing process. They provide information related to the produced materials, the work orders or the machines themselves, helpful to track, monitor, analyze and improve their management.

**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, Data Driven testing** in **Automation framework** with **Java**, **Selenium WebDriver**.
* Designed and developed Selenium **Hybrid Automation framework** using **Java, TestNG, Apache POI, log4j 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 Applications** and **API performance testing**.
* Wrote test scripts in **Appium (Java + Selenium)** to test mobile application functionality for **IOS 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 Aug 2015-Sept 2016**

**QA Analyst**

**Description:** 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**, **Test Cases**, **Test Scripts** as per **Functional** **and Business** requirements.
* Developed **Selenium Automation** Framework with **Java** using **Hybrid Driven Model(Keyword, Data Driven).**
* Established **Continuous Integration** build 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.**
* Developed test scripts using **Groovy** for **data driven testing** of **SOAP WebService** using **SOAPUI**.
* Involved in migrating soap based web service testing to **Rest API** testing [**XML**/**JSON**].
* Performed automation testing using **Selenium** and **Appium** for regression testing
* 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, SOAPUI, Appium, Maven, Git, Xml, Oracle Sql.

**Sears.com - Chicago, IL Sep 2013 – July 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 WebDriver** and **TestNG** features to run test cases in multiple browsers and platforms.
* Performed **Java API** testing with **JUnit** automated tests
* Used **Selenium WebDriver** 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.
* Testing the product, creating any defect and track issues in **Rally**.
* 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 **Maven** for build and **Jenkins** for Continuous Integration.
* Created automation scripts in **SOAPUI** using **Groovy Script** for web services testing.
* Worked closely with the developers within the **Agile SCRUM** team.
* 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 WebDriver, Eclipse, SOAPUI, JUnit, Maven, TestNG, JMeter, Rally, Android, ecommerce, Scrum methodology, SQL, Java, Shell Scripting

**Costco - Kirkland, WA Jan 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 walkthroughs.
* Reported bugs in the Bug Tracking spreadsheet and **JIRA**.
* **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.
* 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**.**

**Tenet Healthcare – Dallas, TX Mar 2010-Dec 2011**

**QA Engineer**

**Description**: Tenet provides healthcare services to improve service delivery and patient outcomes. Tenet working with leading healthcare insurance to better coordinate care, reduces healthcare costs, and improves long term health. The online portal allows members and brokers to look for information about health care plans. Members can enroll into insurance plan using online portal. It has payment module, report module, etc. This web portal allows members to view the claims, change Doctor and add new services.

**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 “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, Weblogic, Oracle, SQL, QTP.