**Name: ASMA**

**Email:** [**fatimaasma138@gmail.com**](mailto:fatimaasma138@gmail.com)

**Number: 510-949-0886**

**SR. SDET ENGINEER/QA Automation Engineer**

**PROFESSIONAL SUMMARY:**

Over **8+** years of IT experience as a **Senior QA Automation Engineer/Analyst, Manual Tester** in **Software Testing**, proficient in **Client/Server** and **Web** based applications. Expert in **Automation Testing (Selenium WebDriver),** **BDD Cucumber, API Testing, Mobile Testing, Protractor Angular Testing** and **Manual** Testing. Experience in performing clerical and administrative tasks and providing excellent customer support. Proficient in software issues identification and documentation.

* Expertise in **Core Java** and Object-Oriented Concepts **(Inheritance, Polymorphism** and **Collections**).
* Experience with Test Automation tools such as Cypress, Selenium, TestNG, Jmeter, Junit.
* Good hands-on experience on various test management tools like **Jira, HP-ALM** and **Quality Centre**.
* Hands-on experience with all levels of **testing viz., Integration, Regression, Smoke, Sanity, Functional Testing, Systemtesting** and **UAT**.
* Good experience in Web UI Testing using Selenium Web Driver, Protractor, Cypress UI Testing with Cucumber BDD Framework
* Excellent knowledge and implementation skills in complete Software Development Life Cycle (**SDLC**) and Software Testing Life Cycle (**STLC**).
* Experience in developing **Selenium** automation framework using **TestNG** and developing **Maven** targets to execute automation suites.
* Wrote user story for The Preference Centers to capture Marketing email Consent in OneTrust using collection points and purposes.
* Experience in developing Behavior driven development **(BDD/TDD)** using Gherkin language and **Cucumber** tool, created scenarios in feature files, step definitions, test runner etc.
* Experience in doing automation testing for Mobile application using **Appium** tool and **Perfecto** mobile software, which involves **IOS** and **ANDROID** platforms.
* Good experience in testing and Automating AngularJS applications using Cypress/Protractor, Jasmine using Java script.
* Responsible for configuring and maintaining the TestStudio testing environment, ensuring that all necessary software and hardware resources are available and up-to-date.
* Hands on experience on handling the defects throughout the bug life cycle from detection until resolved using JIRA and HP ALM/Quality Centre and QTest.
* Performed functional testing of web services using **SOAPUI**and **RESTful** web services**.**Addedassertions to validate the **XML** or **WSDL** file.
* Maintained the**Selenium**&**JAVA** automation code and resources in configuration management tools like **GitHub/SVN** repository over the time for improvements and new features.
* Responsible for developing the scripts to support **Jenkins (Continuous Integration)** of the scripts with the build server.
* Performed **Database** Testing with **SQL** and automated Data Validations using **JDBC**.
* Used **Appium** tool to test automation test scripts on both **IOS** and **Android** platforms for native and mobile websites on mobile devices.
* Proficient in the Web Debugging Tools like **Firebug, Fire path** and **XPATH** to run WebDriver script in stable condition.
* Hands on Experience in using **Gherkins** with **Cucumber** and **Specflow** to setup the BDD process in the team and mentored team members about **Gherkins Language.**
* Sound knowledge on **Junit, N Unit, TestNG framework** for **Unit testing, Maven** and **Ant** for **Project building tool, Jenkins/Hudson/Bamboo** for **Continuous Integration.**
* Experience in doing performance testing of service using **JMeter, HP Load Runner.**
* Developed an automated scripts and frame works using **Java, C#, Groovy Script, VB Script.**
* Working experience with defect tracking tools like **HP ALM/Quality Center, Taiga, Jira, Confluence, Microsoft Team Foundation Server (TFS).**
* Exposure to **Continuous integration tools** like **Jenkins, Hudson,** and **Bamboo.**
* Expertise in Problem solving and Defect Tracking Tools like **Quality Center, Bugzilla** and **JIRA.**
* Experienced in developing **VB scripts** in Quick Test Pro **(QTP/UFT)** to perform **Functional, Regression, System** and **end-to-end testing.**
* Worked in building automation scripts and frameworks using **Selenium** Web driver with Java.
* Experienced in performing Data driven testing to validate the components displayed on the website using **Selenium.**
* Experience with Test Automation tools such as **Cypress**,**Selenium**, **TestNG**, **JMeter**, **Junit**
* Extensive experience in testing applications implemented in .**NET**, **C#**, **Visual Basic**, **ASP**, **VBScript**, **JavaScript**, **XML, HTML, SOAP, SQL Server,**and **Oracle**.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Testing Automation** | **Selenium WebDriver,Cypress,Cucumber UFT,QTP, HP LoadRunner.** |
| **Testing Tools** | **QC, JIRA, OTM, TFS, MTM, Rally and SOAP UI,Web driver, Postman, Tosca, JMeter.** |
| **Database** | **Oracle/10g/11g, SQLServer2005/2008, MySQL,RDBMS,MongoDB,RDBMS,NoSQL,**  **SQL, Microsoft SQL server, PostgreSQL.** |
| **DefectTracking Tools** | **HP ALM/Quality Center, Jira, RTC, Team Foundation Server (TFS)** |
| **Web Technologies** | **Java8, C#, .Net, React Native,VB Script, SQL, NodeJS, PL/SQL, HTML, XML, CSS** |
| **Web Services** | **SOAP Web Services, Playwrite, RESTful API, WSDL** |
| **Cross Browser Platform** | **Sauce Labs and Selenium GRID** |
| **Testing Framework** | **Junit, TestNG,** **Flutter, JMeter.** |
| **Build Tools and CI CD** | **Jenkins, Maven** |
| **VersionControl Tools** | **SVN, GitHub, RTC** |
| **Other Tools** | **Squirrel, SQL developer, Eclipse, IBM Data Studio, AWS Lambda.** |
| **OS platforms** | **Windows, MAC OS, Linux.** |

**Professional Experience:**

**Cummins, Columbus, IN Oct 2021 - Present**

**Sr. SDET Automation Engineer**

***Responsibilities:***

* Participating in all aspects of product testing, including Test Plan Development, Execution, and Delivery of well-tested solutions with a short time to release.
* Collaborating with different teams throughout the Software Development Lifecycle in Agile environment to create Test Cases as per business requirements.
* Established processes for GDPR cookie compliance with OneTrust and internal auditing.
* Developed automated scripts using Selenium Web Driver and Implemented Framework using Java.
* Analyze test results and identify issues or areas for improvement, and work with development teams to resolve any defects or bugs found during the testing process.
* Developed hybrid mobile platform for automotive applications using JavaScript and React Native, resulting in 88% code share between iOS and Android while reducing development time by 33%.
* Working on building a new flutter mobile application called “My Lawn”.
* Performed UI and API testing using Cypress and created from framework from the scratch.
* Implemented, supported, configured, and evaluated clinical needs related to templates in the EMR and clinical system, while becoming familiar with the latest information regarding mechanism of disease, diagnostic tests, treatments in assigned disease and therapeutic areas and appropriate coding/billing
* Expertise in writing SQL Statements in database to make sure whether the data is populated in Data Mart/Data warehouse According to Business Rules.
* Skilled in the art of pickling gherkins using various brines and vinegar solutions to preserve flavor and texture.
* Developed framework from the scratch for using Cypress to automate UI and used Java script, NodeJS and NPM for Angular based user interface.
* Changed Redux action s to Promises, and Lifecycle Methods to asynchronous functions using ES7 async await to better manage ReactJS level state and cut Redux container development time by 80%.
* Developed spark applications in python(PySpark) on distributed environment to load huge number of CSV files with different schema in to Hive ORC tables.
* Implemented the graph designs using the charts flutter package to show the Weather tracker for the last 7 days.
* Worked on reading and writing multiple data formats like JSON,ORC,Parquet on HDFS using PySpark.
* Designed and executed automated API tests using ReadyAPI's functional testing capabilities
* An automation engineer with TestStudio expertise is responsible for developing, implementing and maintaining automated testing solutions using TestStudio tool.
* Developed a Test Automation Framework for building the business Tier using TDD and Domain Driven Design (DDD)
* Experience with Privacy Technologies such as OneTrust & TrustArc
* Used Jama for requirements management and test case management
* Created test plans to tackle new features, as well as test cases for issues found in regression testing.Extensively worked on SQL for back-end testing on DB2
* Created complex test scenarios using ReadyAPI's scripting features to simulate realistic user behavior and test edge cases.
* Experienced in preparing and packaging pickled gherkins for distribution, maintaining quality standards throughout the process.
* Designed and executed manual and automated test plans for web and mobile applications using Python.
* Created manual test cases in qtest and mapped them against the use cases and business requirements.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI and in the testing environment using Selenium Web Driver.
* Created and managed requirements in Jama, ensuring they were clearly defined, testable, and aligned with business objective
* Assisted in gathering the business requirements, ETL Analysis, ETL test and design of the flow and the logic for the Data warehouse project.
* Developing mobile applications in Flutter and/or Java/Kotlin/Swift.
* Hands on experience working Cypress for angular application end to end testing.
* Utilized Mural to facilitate remote collaboration and documentation of test plans, test cases, and defects
* Developed and maintained automated test scripts using Python to ensure continuous integration and delivery.
* Worked on web application automation on UI and API level for Confidential Rebellion application using TOSCA.
* Worked on a proof of concept to implement Kafka-Storm based data pipeline.
* Loaded and Testing of different IMS and DB2 databases with different lines of business data
* Conducted manual and automated testing of mobile applications on iOS and Android platforms, using tools such as Appium, XCUITest, and Espresso
* Developed and executed test cases in Jama to ensure software quality and compliance with requirements
* Worked in DevOps, installing, configuring, and integrating Automation scripts on Continuous Integration tools (CI/CD) like Jenkins for nightly test suite execution and working on knowledge on testing and configuring Amazon Web services (AWS).
* Strong knowledge of software development principles and practices, as well as experience in using TestStudio tool, scripting languages such as C# or VBScript, and automation frameworks like Selenium or Telerik Test Studio.
* Conducted functional, regression, and performance testing using Python-based tools such as Pytest and Selenium.
* Used the AWS-CLI to suspend an AWS Lambda function processing an Amazon Kinesis stream, then to resume it again.
* Monitor and analyze the results, trends, patterns, and events from Data Security and Privacy Compliance Tool OneTrust to enforce Data Privacy and Security requirements.
* Performed cross-browser compatibility testing on different operating systems using Selenium Web driver.
* Involved with database management through the performance of back-end testing and creation of SQL statements.
* Developed Small Scale load test, Soak test with JMeter and Reported defects in JIRA. Worked with JIRA Project Management and defect tracking.
* Performed End To End testing using BDD framework with Cypress
* Expertise in Defect management and project management using HP Quality CenterVira qTest
* Subject Matter Expert (SME), bringing in deep consulting and technology expertise in clinical systems & data management.
* Tracked defects in Jama and followed up with developers to ensure timely resolution
* Performed SQL queries on SPUFI for back-end testing on DB2 for conversions to verify the test data
* Manually tested ability loading of Business partners, Contract persons, Prospects from legacy to SAP CRM System.
* Deployed new releases to QA environment through Git, Jenkins, and Docker.
* Created a framework from scratch using API testing tool called Karate for REST API Testing
* Created automation framework for complex scenarios and performed functional and regression testing for various releases using Selenium Web-driver.
* Created and Executed Automated Coded UI test developed in C#.Net.
* Implementing recovery scenarios wherever applicable in TOSCA automation.
* Developed a stream filtering system using Spark streaming on top of Apache Kafka.
* Developed a suite on top of existing Cucumber-Karate-Selenium framework for API Automation
* Automated application using TOSCA. Developed and Maintained test modules in TOSCA. Handled dynamic values in test cases using TOSCA.
* Created Test Plans for Functional testing, Grey Box testing, white box testing, System and Integration testing.
* Participated in framework design and developed hybrid framework with data-driven and page object model.
* Developed and Implemented automation using Selenium WebDriver and Java. Used Eclipse IDE to develop & debug the code.
* Created and executed detailed test cases with step by step procedure and expected results and maintained the tes test reports, test issues, defect tracking using qTest and in Confluence wiki(Share point Access).
* Involved in the Continuous Integration of the automation framework with Jenkins.
* Worked very closely with UI angular developers while automating the tests using protractor and Jasmine
* Used JavaScript and internal custom-made framework to automate Backend Rest Service layer.
* Leveraged TestComplete's reporting and analysis features to identify trends and insights in testing results and provide actionable feedback to development teams
* Assisted in gathering the business requirements, ETL Analysis, ETL test and design of the flow and the logic for the Data warehouse project.
* Responsible for building out the static UI, added the dynamic attributes to large automotive application. Created custom Push Notifications, RESTful APIs, and interaction using React-Native-Camera.
* Insert test data for Fin Messages in database based on the test scenarios/use cases and verification of the same in Kafka Topics and Kibana UI based on mapping provided in Data Dictionary document.
* Used build tools like Ant and Jenkins to build and regress automated tests, used GIT and code hub, documented and tracked defects and produced detailed reports using Rally.
* Developed mapping documents for new clinical systems to EPIC
* Conducted functional, usability, performance, and security testing of mobile applications, utilizing tools such as Charles Proxy and Burp Suite.
* Proficient in handling and processing gherkins for pickling, demonstrating expertise in proper preservation techniques and maintaining product quality.
* Strong understanding of Playwright's unique ability to automate Chromium, Firefox, and WebKit browsers.
* Extensive knowledge on web technologies like JavaScript, XML, XPATH, AJAX, HTML, CSS, SOAP, and jQuery.
* Performed API testing using POSTMAN, Rest Assured Library and Karate API Framework.
* Used Rest Assured and Postman for Rest API Testing.
* Used Tosca connect to connect Tosca with HP ALM to help manage the Test cases and Defects in ALM.
* Executed JMeter Scenarios to perform performance testing of web application and Rest API’s. Also executed Stress and scalability.
* Created web UI tests using Cucumber, Gherkin and Cypress Automation.
* Experience in parallel testing using Cypress
* Used Sauce labs to execute Selenium automation suites on different platform and performed browser Combinations in parallel.
* Prepared Test Plan, Test Strategy, Test Data, Test Case. Test Result and Traceability Matrix in qTest and HP ALM Quality Center Tool
* Used JMeter to execute LoadTests outside the company firewall by configuring host machines with JMeter in AWS.
* Involved in manual testing and automate SOAP and RESTful Web Services using SoapUI, Apache Http Client, and REST Assured.
* Used Git as a code repository and Code Collaborator to manage code reviews.
* Performed functional testing of SOAP and RESTFUL Web Services using HTTP Client.
* Provided testing results and defect status reports to the QA manager.
* Worked with other teams to ensure seamless data transmission among the many layers within the system.

**Environment:**Agile (Scrum), Java, HP QC/ALM, CI/CD, Jira, Rally, Restful Automation, Tosca, Selenium Web driver/RC/Grid, UAT, TestNG, JMeter, JUnit, WebLogic, Maven, Cucumber/ Ruby, Jenkins, Bamboo, Git/GitHub, QTP, Eclipse IDE, Agile, AWS, HTML, XPath, Postman.

**AT&T, Dallas,TX May 2019 – Sept 2021**

**Sr. SDET Automation Engineer**

***Responsibilities:***

* Proficient in using **Selenium**tool for web application and automating regression test cases using **Selenium** WebDriver.
* Knowledge in **Test driven (TDD), Data Driven** and **Behavior driven Development (BDD)** approach for test automation frameworks.
* Responsible for developing the scripts to support **Jenkins (Continuous Integration)** of the scripts with the build server.
* Performed various types of testing; **System, Integration, Functional, Black box, System, regression** &**end to end testing.**
* Worked as a SharePoint Online & OneDrive Technical Consultant while resolving technical issues faced by Office 365 Administrators related to SharePoint Online
* Analyze and document Confidential internal and external process in OneTrust.
* As a Flutter developer, demonstrate your experience in working cohesively with other teammates including UI/UX designers, product developers, project managers and testers.
* Collaborated with cross-functional teams, including developers, product managers, and business analysts, to ensure requirements were clearly defined and test cases were effective.
* Lead team in adoption of React-Native best practices.
* Accomplished in incorporating pickled gherkins as a unique and flavorful ingredient in culinary creations, enhancing overall dish appeal.
* Implemented Cypress automation framework to my team to ascertain that the crucial user-facing functions of the application and implemented Smoke and Regression Test to verify the existing functionality.
* Integrated SQL outcomes tracking to database into clinical workflow
* Developed custom plugins and extensions to extend ReadyAPI's functionality and integrate with other tools and systems.
* Modernised the app using the Flutter framework.
* Expertise in different phases of **Software Testing Life Cycle (STLC)** and Software **Development Life Cycle (SDLC)** including methodologies like Agile and Waterfall.
* Collaborated with suppliers and vendors to source high-quality gherkins and pickling ingredients, optimizing production efficiency.
* Possess excellent knowledge on Adobe CQ system using technologies like Adobe CQ/AEM, Java/J2EE, Eclipse, Splunk, Endeca, Fusion, Git, SVN, Bit bucket, Confluence, Akamai server, Sinnaker, Google Cloud Platform, Lucidworks, Dynatrace, Stash, Restful Web Services, Postman, Hadoop, Big Data, Map Reduce, Spring Boot, Spring Microservices, JDK1.7, Tomcat 7, Mockito, JUnit, Jira, JSP, JavaScripts, DB2, Browser debugging tools, Jenkins.
* Technologies used include Flutter, Firebase Authentication, Firebase Functions, Firebase Firestore, AdMob, Google Play, Dart and JavaScript.
* Developed various **JUnit** test cases with the help of **Mockito** to perform unit testing of the code.
* Utilized mobile device emulators, simulators, and physical devices for testing, and maintained a device lab for testing coverage
* Proficient in Playwright, a cutting-edge open-source automation tool for browser and web application testing.
* Performed API Testing using Cypress Automation and Postman
* Conducted functional, regression, and performance testing using Pycharm-based tools such as Pytest and Selenium.
* Implemented and maintained test automation frameworks in Pycharm to increase efficiency and accuracy of testing.
* Utilized ReadyAPI's load testing features to identify performance bottlenecks and optimize API performance.
* Refactored the app's navigation from the ground up using React Navigation to replicate native interactions. Rebuilt from scratch major feature components to improve performance and clean up code.
* Develop training documentation and virtual classroom modules for physicians, clinical and ancillary staff.
* Created and maintained test cases, test plans, and other testing-related documentation using Python-based tools such as Sphinx.
* Effective communicator who can educate customers and colleagues about the distinctive qualities and uses of pickled gherkins.
* Extensive experience in creating end-to-end automated tests for web applications using Playwright.
* Actively involved in **Scrum Methodology** for the project from requirements through delivery of the project.
* Used new features of **Java 8 Annotations, Generics**, **enhanced for loop** and **Enums.**
* Used **Java 8** Method References feature to point to methods by their names and used functional Interfaces.
* Writing Test cases using **Element locators, WebDriver methods** and **Java programming** features.
* Conducted training sessions and provided technical support to team members and stakeholders on TestComplete and GUI testing best practices
* Expertise in performing **Functional Testing, Integration Testing** and **Regression testing.**
* Utilized Protractor for Testing **Angular 9** applications using Selenium with **JAVA.**
* **Created and maintained test cases, test plans, and other testing-related documentation using Pycharm-based tools such as Sphinx.**
* Optimization of Hive queries using best practices and right parameters and using technologies like **Hadoop, YARN, Python, PySpark.**
* Used various **Angular 9** custom directives and developed reusable components and templates that can be re-used at various places in the application.
* Design and Develop ETL Processes in AWS Glue to migrate Campaign data from external sources like S3, ORC/Parquet/Text Files into AWS Redshift.
* Executed test cases from qtest and tracked their status and provided status (defect) report during defect triage in JIRA.
* Created accurate and efficient test scripts to manage automated testing using **SeleniumWebDriver**, TestNG, analyzed Test Results.
* Create and develop Article 30 reports through OneTrust privacy software
* Responsible for Integration, UAT Activities, Configuration done for PLM business process.
* Developed and maintained automated Regression test cases in **SeleniumWebDriver** using Java programming language and JUnit Framework.
* Writing the test cases using Element locators, **WebDriver** methods, Java programming features and **JUnit** Annotations.
* Created defects in qtest and mapped them to JIRA test cases.
* Created and enhanced numerous test scripts to manage changes in the tested application's GUI, objects and in the testing, environment using **Selenium WebDriver.**
* Managed planning for data cleaning, clinical data listing review, and coordinated process for reviewing data listing by clinical team
* Designed and executed manual and automated test plans for web and mobile applications using Pycharm.
* Provided feedback to stakeholders on requirements, test cases, and defects in Jama
* Used **SonarQube**for code inspection and optimization
* Automated UI test cases by using Selenium, XPath, integrated with Java
* Involved closely with developers in Development of UI modules using HTML, JSP, JavaScript and CSS.
* Wrote object-oriented JavaScript for transparent presentation of both client- and server-side validation
* Expertisein understandingBusinessRequirementSpecifications,FunctionalSpecificationsandDesign documentations and converting them into Test Scenarios. Worked on **Protractor, JavaScript, Jasmine**to automate **angular 9**applications and performing Regression testing.
* Created comprehensive test suites and executed end-to-end tests using Cypress for multiple projects, resulting in improved test coverage and faster release cycles
* Developed and maintained automated test scripts using Pycharm and Python to ensure continuous integration and delivery.
* Verified the logic tier integrity and reliability of **APIs&RESTful**Web services by testing REST protocol to ensure APIs return the right data and by verifying that the format and content of API calls are according to business requirements with **SoapUI**and **TelerikFiddler&TestStudio**for APIs at QA testing stage, **PostmanAPI**Testing Suite at staging and **insomnia. Rest** at **UAT**point
* Implemented **Jasmine** as a testing framework for **Protractor**.
* Create and develop Article 30 reports through OneTrust privacy software
* Used **Gherkin** language to write features and scenarios. Involved in Regression Testingusing **Selenium**
* Designed and executed manual and automated test plans for web and mobile applications using pytest.
* Utilized Jama to track project progress and provide status updates to project managers and other stakeholders
* Experienced with web services testing using **SoapUI tool**. Testing the API's as well as validates the data returned thru web services responses using **Postman**
* Developed Test Scripts to implement Features, Test Scenarios and Step-Definition for **BDD (Behavior Driven Development)** **using Cucumber (Gherkin’s format).**
* Used **Mockito** framework for effective unit testing for **java** application.
* Used **Gherkin** to build BDD framework with **Cucumber.**
* Implemented continuous integration and continuous deployment (CI/CD) pipelines with Cypress to enable automated testing as part of the development workflow.
* Executed **JMeter** Scenarios to perform performance testing of web applications, also executed **Stress&Scalability**
* Continuously learned and applied new testing techniques, tools, and methodologies in Pycharm to improve software quality and testing efficiency.
* Good hands-on experience on various test management tools like **Jira, HP-ALM** and **Quality Centre.**
* Analyzed clinical workflow using Agency for Healthcare Research and Quality & (AHRQ) tools
* Hands-on experience with all levels **of testing viz., Integration, Regression, Smoke, Sanity, Functional Testing, Systemtesting** and **UAT.**
* Involved in **Setting breakpoints, Re-write functionalities, truncating with ellipses** using **CharlesProxy.**
* Experience in developing **Selenium** automation framework using **TestNG** and developing **Maven** targets to execute automation suites.
* Participant in Product Discovery Teams and recommendations on new GDPR and CCPA TrustArc and OneTrust software
* Analyze business requirements, Software requirement specifications to create test plan and test cases for manual and automation testing using **Selenium** Web Driver.
* Performed **Smoke, Functionality, white box testing, Integration, System, Regression tests** based on analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Experience in using Functional Testing tools namely **Selenium** for testing Web applications in both **Java** and **C#** for testing in functional and regression modes of testing.

**Environment:Java 8, Selenium, Grid, Angular 9, TestNG, XPath, Eclipse, Data Driven and Page Object Model Framework, Cucumber, SoapUI, Appium, Protractor, MYSQL, Oracle, Maven, Postman, Jenkins, Terraform, AWS, Docker, Kubernetes, JMeter, Gitlab, Agile/Scrum, Gherkin, Linux, Windows.**

**Deloitte, Waukegan, IL Mar 2018 - April 2019**

**Sr. SDET/ Mobile Tester**

***Responsibilities:***

* Prepared Test Plan, test Cases, Test scripts and Test data for the application as well as for the database verification based on the functional requirements and test specs using **Microsoft Testing Manager.**
* Used automated scripts and performed functionality testing during the various phases of the application development using **Selenium WebDriver**.
* Developed web-based application using JSP, HTML, AJAX, JavaScript.
* Experience in **Microservices** Architecture with **Spring Boot** and **Docker.**
* Used **SOAP UI** tool to test **Service Oriented Architecture (SOA)** based architecture application to test **SOAP** services and **REST API.**
* Data Extraction, aggregations and consolidation of Adobe data within AWS Glue using PySpark.
* Developed and maintained automated test scripts using pytest and Python to ensure continuous integration and delivery.
* Skilled in writing efficient and maintainable test scripts using Playwright's Python/JavaScript/TypeScript API.
* Developed custom TestComplete plugins to extend the tool's functionality and integrate with other tools and systems
* Used Cucumber to automate services using Rest API.
* Configured Jama workflows and permissions to meet project needs and ensure data accuracy and security
* Implemented security testing strategies using ReadyAPI's vulnerability scanning and penetration testing capabilities
* Used runner classes in Cucumber to generate step definition and also used tags to run different kinds of test suites like smoke, health check and regression.
* Utilized Cypress fixtures and custom commands to enhance test stability, reduce duplication, and improve maintainability of test code.
* Integrated Automation scripts **(Selenium WebDriver API)** in **Continuous Integration tools (Jenkins)** for nightly batch run of the Script. Created Project plan on Jenkins, configured scheduled using **Cron job**
* Worked on the Scripts inventory and maintaining the scripts for future Regression
* Conducted functional, regression, and performance testing using pytest-based tools such as Selenium.
* Involved in testing various business rules User/Customer functionalities and Change Processes.
* Involved in automating test cases using **Selenium** WebDriver with Junit.
* Worked on the Scripts inventory and maintaining the scripts for future Regression.
* Performed **Sprintleveltesting, Functional, SystemsIntegrationTesting**and**RegressionTesting**
* Determine what should be automated and what test data needs to be set up.
* Strong senior QA application, system testing experience including testing automation for regression testing
* Performed Integration and Regression testing to check compatibility of new functionality with the existing functionalities.
* Expertise in cross-browser testing, ensuring compatibility across major browsers using Playwright's multi-browser support.
* Work in cross-platform environment **(UNIX/Linux and Windows)**
* Extensively worked on **JMeter** to create Thread Groups and test Web Application for various loads on key business scenarios.
* Design and execute the Test Plans and Test cases using **User Stories/Business** requirements.
* Implemented security testing strategies using TestComplete's vulnerability scanning and penetration testing capabilities
* Performed **Sprint level testing, Functional, Systems Integration Testing** and **Regression Testing.**
* Conducted training sessions and provided technical support to team members and stakeholders on ReadyAPI and API testing best practices
* Worked on **Groovy script** using **Soap UI** to run the test according to, enable disable test from different level (project, test Suite, test Case, test Step) and much more.
* Designed and executed automated GUI tests using TestComplete's keyword-driven testing framework
* Created automation scripts in **SOAP UI** for web services testing.
* Identified & organized the plan for test data, strategy and identify the Scope of testing within the context of each Sprint.
* Developing Test Scripts to implement Test Cases, Test Scenarios, and features for **BDD** using **Cucumber** testing Used **Gherkin** languages to write features and scenarios
* Created and maintained test cases, test plans, and other testing-related documentation using pytest-based tools such as Sphinx.
* Experienced in **Agilemethodology**with **SCRUM**Process for the product development
* Used **Docker** to push the applications into a test environment and execute automated and manual tests.
* Worked on creating test case for Object -driven framework for **selenium WebDriver.**
* Tested the various **Service Oriented Architectures (SOA)** spanning across various web services using **SOAP** and **WSDL** across various applications using **SOAP UI.**
* Experienced in Agile methodology with **SCRUM** Process for the product development.
* Extensive work on **Agile** Methodology for **Sprints** and **Scrums.**
* Proficiency in End-to-End Testing and backend validation using **SQL.**
* Worked in Agile framework, collaborating with business and research teams in story grooming, reviewing story/acceptance criteria and performance metrics.

**Environment: Selenium WebDriver, End to End Testing, Grid, JMeter, SQL Server, Git, Oracle, SOA testing, JAVA, Gherkin, Agile, Groovy Scripting, DOM, Cucumber, HP ALM Quality Center, BDD, Appium, Protractor, HP Load Runner, Jenkins, UAT, SOAP UI, REST, JAVA Script, Regression Testing, Maven, Apache POI, Eclipse, XCode, TestNG.**

**Lutheran HealthCare, Brooklyn, NY Aug 2016- Feb 2018**

**SR. SDET Engineer**

***Responsibilities:***

* Analyzed the business requirements, functional specifications and designed appropriate use cases, test plans and test strategy.
* Worked existing **Selenium** automation Framework with **java** using Data Driven testing and **MS Test.**
* Provided training and support to end-users on Jama functionality and best practices for requirements management and test case management.
* Used hub and node concept of **Selenium** Grid to execute **Selenium** automation suites on different platforms and browser combinations in parallel.
* Development of Manual and Automated test cases by decomposing use cases for specific functional requirements.
* Created and maintained test scripts using TestComplete's scripting capabilities (JavaScript or Python)
* Parameterized test scripts in **QTP**to pass data from different data sources like Excel spreadsheets
* Regression test cases were written and automated using **Selenium RC** and **IDE.**
* Created whole test framework using **Selenium** for further test creation and execution.
* Continuously learned and applied new testing techniques, tools, and methodologies in pytest to improve software quality and testing efficiency.
* Developed automation framework for **Selenium RC** in Modular Framework model.
* Implemented **JUnit** framework with **Selenium** for parallel execution, code maintainability, and generated reports developed using **Selenium** script for taking Screenshot and used action class to perform mouse movement.
* Have developed test scripts for complex functionalities accessing the UI elements like date time **pickers, links, frames,** and **tables.**
* Extensively executed **SQL queries** on **SQL** Server and **Oracle** database to validate the data.
* Used **Continuous Integration** tool **Travis** for scheduling Jobs and for Regression testing.
* Maintained the **Selenium & Java** automation code and resources in source controls SVN over the time for improvements and new features.
* Involved in writing of modification reports for errors identified in testing and clearly communicated with development via defect tracking system using Quality Center.
* Worked on **ETL/Backend** testing by writing the queries.
* Used **TestNG** framework to run unit test and Maven to build the Project.
* Generated **Allure** test report using allure Plugins and reported to development team and higher management.
* Worked extensively on **JIRA** modules- test plan, defects, and reports and created defects using **JIRA.**
* Participated in daily **scrum** meeting and got used to agile development methodology.

**Environment: VBScript, QTP, Visual studio, Microsoft Team Foundation Server, SQL, Agile, Windows 7, Windows XP, Vista, Linux, MS office.**

**Hartford Insurance, Hartford, CT Jan 2015 – July2016**

**Manual Tester**

***Responsibilities:***

* Involved in analyzing user requirements for application enhancements and preparing testing specifications.
* Developed test scenarios and test procedures based on the test requirements.
* Participated in preparation of Test Plans.
* Executed functional and system tests manually.
* Executed Test Scripts and analyzed the results based on the specifications.
* Extensively involved in Regression testing.
* Performed **Integration** and User Acceptance Tests throughout the **SDLC** of the application.
* Generated **Defect Reports** and the summary and progress graphs for the application.
* Communicated with Functional Analyst on any issue clarifications.
* Actively participated in **Bug** Track meetings.
* End to end testing on validating the claims functionality including data validation from source to destination tables.
* Submitted Coverage **Status Report** of tests performed on weekly basis.
* Involved in project meetings and interacted with other team members to resolve the problems.

**Environment: Manual Testing, JIRA, MS Visio, HTML, Java, Oracle, HP QC/ALM, Windows, UNIX.**