**Abhiram**

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| **Email**: abhiram.sdet@proton.me **Phone: 817-678-0801** **Software Engineer (QA) - Automation testing** |  |

***PROFESSIONAL SUMMARY***

* Senior Software Quality Assurance testing with **8 years** of experience in both manual and automated software Quality Assurance.
* Strong experience in full life cycle of system development. Worked in Agile (**SCRUM**) and Waterfall model Development environment and well versed with **SDLC** methodology.
* Experience in creating Test Strategy, Test Plans, Test Cases, Test Estimation and Requirement Traceability Matrix.
* Proficient in working with tools such as **Selenium** **WebDriver**, MochaJS, IBM Rational Functional Tester, **Junit/TestNG**, **Quality Center (QC)**, **JMeter**, **JIRA**, **Cucumber, Appium,** **Maven**, **Jenkins**, HP UFT and **SOAPUI**.
* Ability to validate GUI and system functionality on desktops as well as mobile devices running with **Android** and **iOS** with the help of **Appium** tool integrated with complex architecture and Mobile Browser, Mobile Native Application Testing, Mobile Cloud Platform.
* Hands on experience in testing **SOAP** and **Restful** web services using **SOAP UI** and developing Scripts using **Groovy**.
* Comfortable on core Java and Object-Oriented Programming (**OOP**) concepts and experience in designing, developing, enhancing automated test scripts for Selenium using Java Programming Language.
* Good working experience in web user interface automation testing with **Selenium** **Web driver**, **Java,** Junit, Maven, Jenkins, SOAP UI, Cucumber and TestNG frame works.
* Hands on experience in dealing with various Defect Tracking tools like Clear Quest, **JIRA**, and **HP ALM** **(Quality Center)**.
* Having pleasant experience in creating user stories and test Cycles, test case creation and execution, Defect reporting using **JIRA.**
* Experience with Test Automation tools such as Cypress, Selenium, TestNG, Jmeter and Junit.
* Experienced in using **Version Control** tools like **Git,** **GitHub, SVN** and **CVS.**
* Strong knowledge on web services tools Rest API and understanding of HTTP code responses.
* Experienced in Testing & Virtualizing several types of SOA based services including **Web Services (SOAP/HTTP(s)), REST** Services (**XML**/**JSON**).
* Experienced in Development of Automation Scripts, Execution and Analysis Test Results using Hybrid, Jasmine framework, Behavior Driven Development (**BDD**), Test Driven Development (**TDD**), **Cucumber**, **Jbehave**, **Keyword Driven Framework**, **Data Driven Framework**
* Extensive work experience in working with **POSTMAN** and **SOAPUI** in different projects to test RESTful APIs and SOAP-based web services.
* Proficient in writing Test Strategies, Test Plans, Test Cases, Test Scripts, Test Scenarios and Test Summary Reports for both Manual and Automated Testing.
* Good interpersonal, multitasking, and communication skills.
* Strong knowledge of Software Development Life Cycle (**SDLC**) as well as Software Testing Life Cycle (**STLC**) and methodologies like Waterfall, **Agile** (**Scrum**) and **DevOps** (continuous integration).

**EDUCATION:**

* **Bachelor of Technology in Mechanical Engineering,** Vignan University, India**.**
* **Master of Science in Engineering Management,** Trine University, USA

**Technical Skills:**

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| **Languages**  | C, Java, Swift, JavaScript, Python, PL/SQL, HTML. |
| **Automation Tools** | Selenium Web Driver/ RC/ IDE/ GRID, XCUI Test, Mocha/chai, QTP/UFT, SOAP UI, Protractor, Cucumber, Appium, JMeter |
| **Test Framework** | Junit, TestNG, Page Object Model, MochaJS, Robot Framework. |
| **Scripting Languages** | JavaScript, Python, Ruby. |
| **Defect Tracking Tools** | Jira, Bugzilla, Clear Quest, MTM, HP ALM 11/12. |
| **Development Environment**  | Eclipse IDE, XCode, IntelliJ, Sublime text, PyCharm CE. |
| **Misc. Tools**  | MS Office, MS Excel, ANT, Log4J, Maven and SVN. |
| **Continuous Integration Tools** | Jenkins, Hudson. |
| **Databases** | Cassandra, SQL Server 2008, MS Access, MONGO DB. |
| **Operating Systems**  | Windows variants, iOS, UNIX, LINUX. |
| **Software Process/Methodology** | Agile-Scrum, Waterfall, Application Lifecycle Management (ALM), |

**PROFESSIONAL EXPERIENCE:**

**Sonepar, Dallas,TX Mar 2023 – Present**

**Project: Digital Spark**

**Role: Sr. QA Automation Engineer**

**Description:** Sonepar is an independent family-owned company with global market leadership in B-to-B distribution of electrical products, solutions and related services.

**Responsibilities**:

* Worked extensively in planning automation-testing strategy, designing framework, Code maintenance and code review purposes.
* Reviewed all the Requirement documents, Functional Specification and Use Case documents.
* Analyzed the use cases provided by analysts and **wrote test cases**.
* Implemented automation using Selenium WebDriver, JAVA, **Selenium Grid, Cucumber, Maven**.
* Proficient with testing REST APIs, Webbed Database testing.
* Used Postman and SoapUI for rest service testing.
* Used Javascript and internal custom made framework to automate Backend Rest Service layer
* Implemented logic towards a robust REST service testing process and code clean up.
* 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 **Fire Path** 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.
* Expertise in developing automation scripts in BDD format using **cucumber** and proficient in writing cucumber scenarios in **GHERKIN** format.
* Wrote BDD JavaScript code to automate the angular.js application developed using Form.io in our automation framework
* Worked with open source tools such as Selenium (**Selenium IDE, Selenium RC, Selenium Web Driver, and Selenium Grid**), **Cucumber, Jenkins, Maven, SoapUI, JUnit, JIRA and Eclipse.**
* Supported the e-delivery team operations team in understanding operational workflows and system data structure as well as assisting with data validation.

**Gordon Food Service, Grand Rapids, MI Jun 2021 – Feb 2023**

**Project: GFS Inventory and Recipe (GIR)**

**Role: Sr. QA Automation Engineer**

**Description:** GFS delivered the excellence, expertise, and quality products our customers need to design successful food operations and experiences.

**Responsibilities**:

* Reviewed all the Requirement documents, Functional Specification and Use Case documents.
* Analyzed the use cases provided by analysts and **wrote test cases**.
* Implemented automation using Selenium WebDriver, JAVA, **Selenium Grid, Cucumber, Maven**.
* Proficient with testing REST APIs, Webbed Database testing.
* Used Postman and SoapUI for rest service testing.
* Used Javascript and internal custom made framework to automate Backend Rest Service layer
* Implemented logic towards a robust REST service testing process and code clean up.
* 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 **Fire Path** 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.
* Expertise in developing automation scripts in BDD format using **cucumber** and proficient in writing cucumber scenarios in **GHERKIN** format.
* Wrote BDD JavaScript code to automate the angular.js application developed using Form.io in our automation framework
* Managing security groups on AWS and custom monitoring using cloud watch.
* Wrote templates for AWS infrastructure as a code using Terraform to build staging and production environments.
* Implemented a Continuous Delivery pipeline with Jenkins, GitHub and AWS.
* Write BDD (Behavior Driven Development) tests using Cucumber and JavaScript
* Develop Node based Automation scripts using JavaScript for UI Automation.
* Developed BDD tests using Cucumber by writing behaviors and step definitions. Developed required Selenium support code in JAVA for**Cucumber.**
* Involved in developing test framework in WebdriverIO (JavaScript) for the entire application including Service calls, Assertions, Gitlab integration.
* Experienced in WebdriverIO and JavaScript, Node.js, Junit reports.

**Environment:** Java, Gherkin, Cucumber, Selenium, JavaScript, Maven 3.1.1, WebDriverIO, Node.js, GIT, Mockito, JIRA, Appium, Protractor, Soap UI, Jenkins, TestNG, Junit, Agile (SCRUM).

**Lowe’s Home Improvement, Charlotte, NC Jun 2019 – May 2021**

**Project: Non-Product Content [DLS-NPC]**

**Role: Sr. QA Selenium Automation Specialist**

**Description:** Lowe’s Companies, Inc. (NYSE: LOW) is a FORTUNE® 50 home improvement company serving approximately 18 million customers a week in the United States and Canada. Lowe’s and its related businesses operate or service more than 2,200 home improvement and hardware stores and employ approximately 300,000 associates.

**Responsibilities**:

* Conducted **Automation/manual testing** using the Standards, guidelines and structured methodology in testing the application. Analyzing Business Requirement/Features and preparing the Test conditions in HP Quality Center.
* Web Services automation for **manual and Automation** both. **Automation using TestNG and Selenium**.
* Designed, developed and implemented **POM** based automation-testing framework utilizing Java, TestNG and Selenium WebDriver.
* Worked on Hybrid Automation Framework using **Web Driver, Eclipse, TestNG and Java** in Windows platform to cut down regression testing time.
* Experiencein designing a Terraform and deploying it in could deployment manager to sign up resources like cloud virtual networks, Compute Engines in public and private subnets along with AutoScaler in Google cloud Platform.
* Worked on **Sauce Labs** and **Browser-Stack** tools for Cross-Browser testing.
* Worked closely with 3-party vendors like **Browser-Stack** to get the tools set-up within the client’s framework.
* Studio.
* Experience in deploying Change order in Legacy, Windows desktop and AWS environment.
* Experience in Test environments provisioning on AWS cloud.
* Experience in Re-provisioning the AWS instances.
* Create automated tests using **Selenium** **WebDriver**, **Jenkins** with developers for Continuous regression testing.
* Worked with open source tools such as Selenium (**Selenium IDE, Selenium RC, Selenium Web Driver, and Selenium Grid**), **Cucumber, Jenkins, Maven, SoapUI, JUnit, JIRA and Eclipse.**
* Supported the e-delivery team operations team in understanding operational workflows and system data structure as well as assisting with data validation.
* Involved in testing Rest services Rest Assured and tested both XML and JSON formats.
* Update the framework with helper methods if any while developing REST API automation scripts.
* Designed and documented REST/HTTP, Soup APIs, including JSON data formats and API version strategy.
* Collaborating with clients to demo the completed functionality at sprint review. Major role in ensuring the quality of the product and signing off during every app release.
* Used **GIT** as a version-control system

**Environment**: **Environment**: Selenium WebDriver, Cucumber, JMeter, SQL Server, JIRA, MS Excel, HTML 5, Jenkins, Windows, SQL, MS Office, JAVA, Postman, Unit Testing, TestNG, Eclipse, Ruby, SOAP UI, Appium, Agile, Internet Explorer, Mozilla Firefox, Safari and Google Chrome, XPath, Git, Maven, FireBug, Sauce Labs, Browser-Stack.

**U.S. Bank/SapientRazorFish, Minneapolis, MN Nov 2018 – Jun 2019**

**Project: OmniMobile App**

**Role: iOS Test Automation Specialist/ Selenium**

**Description:** US Bank is implementing next generation mobile app for their banking customers, will allow the users to plan their budget and achieve their financial goals. I am responsible to develop mobile automation scripts and involve in designing mobile Automation Framework by integrating different tools and libraries, will address all the current automation challenges. And, responsible for the application’s quality in both functional and accessibility standpoint along with weekly reporting to end client.

**Responsibilities:**

* Involved in creation and enhancement of automation framework in **XCUITest/XCode** using **Swift** for **iOS and iPad** Native application. Created reusable functions using **XCTest extensions** class for easy maintenance and readability of UI Tests.
* Experience working with **Appium desktop** and **XCode**. Collected crash logs for the app crashes using Appium desktop and coordinated with developers for the crash fix
* Configured Automation framework in cloud platform (**Mobile Labs & SeeTest**) to run our automated tests in multiple iOS devices and various platforms.
* Worked on testing the iOS mobile applications with the integration of **APPIUM** on both virtual and real devices.
* Performed regression, functionality, system, front-end, end-to-end, integrated, negative and positive tests.
* Handled various scenarios like **Static and Dynamic Dropdowns**, **Filters**, **Picker wheel**, scroll functionalities and web-views using **Actions/Page Object framework** on native iOS app.
* Worked on the **Parametrization** using **TestNG** Parameters and created .xml files to run our regression and smoke suites.
* Involved in Code reviews for all the teams automated test cases before they get merged in to release branches.
* Developing automated test scripts for iOS devices using Appium, and **UI Automation/XCUI Test** Java to optimize testing process and quality.
* Worked on Dark mode for iOS 14 version in both iPhone & iPad devices.
* Worked on testing the iOS mobile applications using **XCode** and **swift** on both virtual and real devices.
* Created cypress projects in command line, and Bit Bucket repo to manage codes.
* Performed UI and API testing using Cypress.
* ) framework from scratch using **Java, TestNG, Gherkin**, and **Cucumber**
* Ensuring all development tasks meet quality criteria through test planning, test execution, quality assurance and issue tracking.
* Design all test methodologies, perform regression tests on all processes, design all project deliverables, and manage all test environments.
* Developed, maintained and executed load and stress test with **JMeter**.
* Manage all communication with Client and senior management to achieve all project objectives and perform tests on same and manage multiple functional areas
* Performed **Accessibility testing** across devices and versions of **iOS** supported by **WCAG 2.0 AA** standard.
* Performed Regression Testing of different modules automated in **SOAPUI**.
* Performed testing on **Tagging Analytics** for the required modules of the application using **Charles proxy**.
* Performed Conducting API calls through Charles proxy and **Postman** and editing the response keeping breakpoint and debugging the response.
* Driven test process through **SDLC** cycle, from initial discovery and estimation through to production, delivery and support.
* Performed regression testing for every 2 sprints and automated test cases using **Appium**
* Extensively used **XPath** and **DOM** to work with dynamic and static objects in **Selenium**.
* Performed smoke testing and sanity testing for each sprint.
* Performed logging and tracking of defects in **JIRA** and publish test closure report.

**Environment**: Selenium WebDriver, Java, Appium, SoapUI, Cucumber, Jmeter, IOS, Android, Windows, Linux, Mac, DOM, XPath, POM, TestNG, Jira, BDD, TDD, POM, XCode, Jenkins, Maven, TestNG, Eclipse, GitLab, ATM, Charles Proxy

**AT&T Communications Jan 2017 – Oct 2018**

**Project: DirecTV**

**Role: Sr. Test Automation Engineer**

**Location: Dallas, TX**

**Description:** AT&T Communications, LLC is a subsidiary of AT&T that focuses on wireline, wireless, digital television, satellite television, fixed line telephone, mobile phone, broadband, home security, IPTV, OTT services, network security, and pay television offerings, business applications.

**Responsibilities:**

* Design and Execute test cases for Smoke testing, Functional testing, Regression testing, Integration testing and End to end system testing, Cross browser testing using HP ALM.
* Worked extensively in planning automation-testing strategy, designing framework, Code maintenance and code review purposes.
* Involved in the preparation of Object Repository, Function Libraries and Error handling using **QTP**. Developed custom **QTP/UFT** function libraries (like Object Oriented Functions, Database Functions, and Utilities etc.).
* Intensively used HP ALM to design Test Cases, logging & tracking Defects throughout SDLC. Experience in managing test execution, writing UAT test plan and UAT test cases in ALM/QC.
* Responsible for ensuring that application thoroughly tested so that it is production ready for customers on time. Escalate all QA issues (like dependencies, roadblocks, environment issues, test data, resources, etc.) to the project manager aptly and provide necessary solutions, estimations whenever required.
* Reviewed the automated test cases and read the log files created by Selenium and UFT to make sure that a partner of client is correctly automating manual scripts.
* Implemented Jenkins Code Deploy plugin to deploy to AWS and used to automate the build process and deploy the application to Tomcat server.
* Created cypress projects in command line, and Bit Bucket repo to manage codes.
* Performed UI and API testing using Cypress.
* Contributed to automation efficiency improvements and effectiveness by optimizing & stabilizing the scripts.
* Analyzed business requirements, created test plans, created / executed test cases, submitted bug reports, and maintained ALM bug tracking, verifying and communicating highest priority defects to team.
* Co-ordinated with Manual Testers as well as BAs, Developers & other team members at both onsite and offshore towards maintaining the highly dynamic environment as well as successful sprint activities.
* Created **SQL** views to aggregate data before moving to targeted database from legacy database to simulate results.
* Used MS Sql server Management studio for Creating & executing SQL queries for testing the conversion & ETL process.
* Involved in the MOCK dress rehearsals before deploying the code to production during every release.

Environment: QTP/UFT, VB Script, HP ALM 12.53, SQL Toast, ETL, Putty, GIT, HTML, Microsoft Office, Oracle 11g, PL/SQL, SharePoint 2013, Version one, Agile-Scrum.

**Xevo Inc Oct 2016 – Dec 2017**

**Project: Xevo Glass**

**Role: QA Selenium Test Automation Engineer**

**Location: Bellevue, WA**

**Description:** Xevo, a division of Lear Corporation, is a leader in connected-car software and intelligent user experiences. Our powerful software solutions leverage analytics and data insights to provide an AI-enhanced driving experience for consumers, along with monetization opportunities for automakers, merchant partners, and service providers.

**Responsibilities:**

* Developed the Test cases to Test Functionality and End-to-End Scenarios of the System.
* Involved **GUI testing, Functional testing, Integration testing, Regression testing, Positive testing, Negative testing, End to End testing, Cross Browser testing, User Acceptance testing (UAT).**
* Automating Angular JS applications by using Protractor, Jasmine and Karma using Java script.
* Developing. spec and .config files for various scenarios in Protractor/Jasmine using “describe, it and expect”
* Used Firebug and Fire path for element identification while creating Page Object Repository.
* Involved in scope creation, script creation, configuration, execution, analysis, resolution, retesting in order to performance testing using JMeter.
* Performed BDD (Behavior Driven Development) using Cucumber Features, Scenarios and Step Definitions in Gherkin format.
* Developed framework from the scratch for using Cypress to automate UI and used Java script, NodeJS and NPM for Angular based user interface.
* Performed UI and API testing using Cypress and created from framework from the scratch.
* Used Firebug and XPath for the web-based application testing with selenium for the commands and locator application.
* Worked in creation, preparation, and conduct of quality assurance reviews and contributed to the development and execution of test plans and test scripts.
* Extensively use JIRA to perform the varied functions that involve mapping the Functional requirements, developing test cases, logging, and tracking the bugs. Good Knowledge of using Git repository (Stash), Jira, confluence.
* Generated the html format reports using Mochawseome dependencies to run the test cases in suite level.
* Worked closely with Business and Development teams to identify critical areas of business and technical requirements for test case prioritization.
* Provided Status reports in the standup meetings and involved in the Sprint meetings.
* Attended Daily Stand-up calls, sprint planning meetings, sprint review meetings as part of Agile Scrum methodology.

**Environment**: MochaJS/ Cypress, chai, JavaScript, Protractor, Appium, JMeter, Node JS, Selenium WebDriver, IntelliJ, Cucumber, Postman, Cassandra DB, GIT (Stash), Jira, HTML, Mochawesome, Agile &Scrum, Waterfall, Xpath.