**Summary**

* Over 8 years of experience in Manual, **Automation** testing of **web** and **mobile** based software applications.
* Extensive experience in **e-commerce, Banking and Trading** domains.
* Experienced working in software development methodologies such as **Agile** and Waterfall.
* Proficient in deriving the user acceptance tests whenever required.
* Excellent understanding of Quality Assurance Processes, Software Development Life Cycle (SDLC) and Test Methodologies from project definition to post-deployment.
* Proficient in estimating the scope of testing efforts for projects by reviewing SRS Document.
* Experience in analyzing the requirements from User Stories and Use Cases to develop test scripts using boundary value analysis and equivalence class partition techniques.
* Strong experience in using **Selenium Webdriver** and **Cucumbe**r suite tools.
* Proficient in writing **XPath’s** for identifying page elements on the applications
* Used **Behavior Driven Development (BDD)** approaches to test software applications.
* Experienced in all stages of testing, installation testing, smoke testing, regression testing, integration testing, backend testing, usability testing, upgrade testing, GUI testing, and system testing.
* Experience in automation of e-commerce based Software Applications using Selenium WebDriver, TestNG and Junit.
* Experience in web services testing using **SOAP UI, POSTMAN, Fiddler** and **ReadyAPI.**
* Experienced in working with mark-up languages like JSON and Yaml.
* Hands on experience in **ACCELQ** automation tool and preparing actions, context, capturing views.
* Testing of **Mobile, Native** and **Hybrid Apps** for Android and iOS platform using **APPIUM** tool.
* Good working knowledge on using **AWS cloud** for cross browser testing.
* Expertise in leading the team during major enterprise efforts which require cross team coordination.
* Interacts with Developers and Product Analysts for testing status and QA documentation.
* Diversified experience in attending and participating in technical requirements review, walkthroughs and peer reviews.
* Extensive exposure on Object Oriented Programming (OOPS) concepts.
* Good experience in testing **i18N** and **L10N** applications.
* Expertise in running the scripts on different Browsers and test parallel using Selenium GRID.
* Proficient in setting up CI Jobs and running scripts using **JENKINS**.
* Good working knowledge on **Machine Learning** applications.
* Expertise in driving all efforts on test automation, includes planning, hands-on scripting and oversight of other resources working on automation and Manual.

**Technical Skills**

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| --- | --- |
| **Testing Tools:** | Selenium, Appium, Fiddler, ReadyAPI, ACCELQ, POSTMAN |
| **Defect Tracking Tools:** | JIRA, Bugzilla, Spira |
| **Languages:** | Core Java, SQL |
| **Web Automation Tools:** | Selenium Web Driver, Jenkins, Maven |
| **Testing Frameworks:** | Junit, TestNG, Data Driven, POM, Cucumber |
| **Database Technologies:** | Oracle, MySQL, SQL Server, T-SQL |
| **SCM Tools:** | Git, Bitbucket, Azure DevOps |
| **Platforms (OS):** | Windows XP/Vista/Windows 8, Linux |
| **MS Office:** | Outlook, Access, Excel, Word, Power Point |

**Professional Experience**

**Spirit Airlines**

**Miami ,FL**

**Jan 2021 – Till Date**

**Automation Engineer**

* Gather requirements from stake holders during the sprint planning and start developing automation scripts and logic based on the requirement.
* Part of core automation team that designs solutions for developing efficient and reusable common functions for new features on spirit.com and Mobile App.
* Implemented helper methods to handle the site behavior based on **maximizer** throttle .
* Address false positive exceptions caused due to the site slowness and had to implement custom exceptions for handling the situations.
* Utilized **selenium grid** with **docker hub** for performing parallel and cross browser testing.
* Achieved the quarterly goal of executing around **5000** test cases in 5 hr.’s timeline.
* Improved the framework performance by reviewing areas that are causing **latency** .
* Able to achieve the consistency of 80% execution pass rate while running the entire framework .
* Performed executions using the **Jenkins** and schedule the builds for execution
* Used **Swagger hub** to review the api’s used and request, response data contracts.
* Created PNR’s using api’s and perform the data validations on UI for data consistency .
* Review manual functional test cases and create automation tasks in **TFS** for developing automation scripts.
* File defects in **spira** tool after reviewing the functional requirements and retest defects after fixes are provided.
* Work closely with dev team in triaging the issues and assist on reproduction of the issues.
* Used **Allure and Report Portal** reports as reporting tools and used for checking the history of the runs.
* Works on regression report maintenance and introduce fixes for any false positive defects wherever needed.
* Provided crucial support in developing the automated scripts in transformation of new redesigns of website.
* Utilized **Rest assured** for performing api testing.
* Part of team of three in developing automated flow for retrieving data from spira tool, Pass the data to powerBI api and create Power-BI dashboard regarding number of open defects, closed, and in-progress.
* Performed research on handling authentication cookies, research on how we can receive and pass data to **powerBI.**

**Environment:** Java, Selenium, TestNG, Spira, Azure DevOps, Git, Docker, Portainer, Jenkins, Postman, intelliJ

**Wells Fargo**

**Charlotte, NC**

**May 2020 – December 2020**

**QA Automation Engineer (SDET)**

* Worked closely with SME and business to understand the **Foreign Exchange Trading** functionality.
* Involved in preparation of functional specification documents (**FSD**) for enterprise releases.
* Initiated development of automation framework for Microsecond Credit Check project by following guidelines of automation architects.
* Good working knowledge on **Solace** messaging api that involves queue and topic endpoints.
* Developed **BDD**’s and step definition files using **cucumber** for trading credit check functionality.
* Knowledge on FX trading sector internal and external channels.
* Performed **Jenkins** executions to achieve continuous integration and deployments.
* Experience in using **HP ALM** as a test case management tool and **Jira** for creating stories, bugs etc.
* Utilized **Jfrog Artifactory** to get the dependency jars for running the test scripts.
* Prepared test data with multiple **currency/tenor** combinations that can be fed to automation framework.
* Configured processing rules for testing credit functionality by cross channel and deal source setup.
* Authored stories, subtasks for functional, automation test engineers for each sprint.
* Represented onsite test team and closely worked with offshore counterparts for better enhancement of the testing strategy and framework.
* Worked with cross functional teams for validations to make sure edge cases are covered by both parties.
* Used **TestNG** for generating reports and run failed test cases without requiring manual re-runs.
* Performed DB validations and compared api response vs. DB results for data accuracy.

**Environment:** Java, Postman, Jira, Jenkins, JFrog Artifactory, TestNG, Oracle SQL, Cucumber, HP ALM

**United Airlines**

**Chicago, IL**

**September 2017- April 2020**

**QA Lead (Mobile & Web)**

* Experienced in understanding the behavior of **React JS** applications along with **React Redux and SAGAS.**
* Experienced in working with **Content Management System, SDL** and custom designed **machine learning** application CCE.
* Solely responsible for delivering United.com React **E-Commerce** Homepage successfully.
* Experienced in testing the Responsive application in all 3 breakpoints (Desktop, Tablet, Mobile).
* Performed A/B testing using **Optimizely** tool
* Good working knowledge on **E-commerce** application activities like bookings ,cancellations and Ticketing etc.…
* Validated the Test variations using various mechanisms like **cookie modification** and **throttling**.
* Coordinate with performance teams to conduct load test on Homepage and worked closely with developers to determine the root cause of Increase in response times.
* Preparing detailed test cases per requirement of each story that is required for an epic to release.
* Perform **user acceptance testing** based on the business requirements and acceptance criteria.
* partner with Digital Operations Center (DOC) to add error handling for new products/enhancements.
* Coordinate with user experience research team to collect the real user testing results and make best possible business suggestions to product teams.
* Developing Automated scripts using **AccelQ** and **selenium** with Hybrid Framework.
* Utilized **AWS cloud** for performing automation using ACCELQ.
* Performed mobile App testing for **android** and **iOS** applications using **Appium.**
* Used **Android studio** for android and **XCode** for IOS app testing with Appium.
* Involve deeply in grooming sessions to understand the Business requirements for redesigning legacy United.com Homepage.
* Understanding the architecture in redesigning the application and providing the possibilities of Functional issues that could impact users.
* Participating in technical meetings with external Teams within united to explain the functionality and services that are required in redesigning the application.
* Executing Scripts in dev, QA, preprod and production environments during releases.
* Used Jira as Daily scrum board tracking and confluence, SharePoint for storing documentation and Test cases.
* Ability to understand the **Sonar QUBE** reports from **sonar scans, static security scans** from **Fortify** and involve dev team to justify/fix the major security vulnerabilities before providing the signoff for releases.
* Validated Rest API calls using **POSTMAN** and captured api calls that FE is calling using **Fiddler.**
* Developed automation scripts for restful services using **ReadyAPI.**
* Validated the api calls which are built in **JSON** and request Payloads.
* Experienced in understanding the browser **caching** mechanism and have good working knowledge with AKAMAI**.**
* Monitored **Quantum Metrics** to analyze the customer rage clicks to help find the edge case issues.
* Contributed for setting up CI/CD pipeline using **Jenkins.**
* Hosted Defect triage calls with Remote developers leading to resolution of bugs.
* Handled Enterprise level projects coordinating with multiple scrum teams.
* Worked with Google development team during integration of GFSE api with Maps feature on Homepage.

**Environment:** ACCELQ,Selenium,Appium,Java,JS,ReadyAPI,Postman,Fiddler,Jira,Jenkins,BitBucket

**State of Pennsylvania**

**Harrisburg, PA**

**January 2016 – August 2017**

**QA Automation Engineer (Mobile & Web)**

* Reviewed and analyzed project requirements and provided weekly status report that includes testing metrics, test logs and test summary reports.
* Involved in configuring the testing environment with **Eclipse, TestNG, Maven and Selenium Web Driver**.
* Execution of daily smoke tests to ensure the deployment of each environment is stable.
* Identified test cases to automate using Selenium WebDriver, TestNG, Java (Eclipse IDE) and contributed in framework creation.
* Written test scripts using WebDriver and Java in Hybrid framework using **Page object model**.
* Used XPath and CSS to work with dynamic and static objects in Selenium.
* Performed Data driven testing using TestNG functions which reads data from scripts using property and Excel files.
* Worked on Cross Browser and Cross Platform testing through Selenium WebDriver by testing the website on different browsers like Google Chrome, Internet Explorer and Firefox using selenium Grid.
* Develop, document and maintain functional test cases and other test artifacts such as test datasets, data validation, manual and automated test script details.
* Installed and uninstalled APK file from Play store and side loading APKs; Built advanced Automated Test Suites for **Mobile Native, Hybrid and Web applications.**
* Used **Appium** for performing the mobile app testing.
* Writing the test class methods using java code for fetching the data from **.XLS** using **JXL.**
* Tested the application on various generations of Android versions under different networks and Internet speeds including Wi-Fi.
* Involved in testing of Web Services (SOAP and REST) and XML with **'SOAP UI'** for the local WSDL / with URL and created Test cases, run them.
* Performed Regression Testing, UAT on latest builds and verification of fixed issues against stable builds.
* Involved in setting up Continuous Integration Jobs and Running scripts using **JENKINS.**
* Coordinated with developers and system engineers to fix application defects.
* Used **JIRA** as the defect-tracking tool. Updated JIRA with all the changes made to the test case and closed it when all the requirements were met as specified.
* Preparation of Test Summary Reports, Defect summary reports.
* Communicating with developers and project manager and Business Analyst for detected defects.
* proactive research to provide actionable insights that drive future design improvements or functional issues

**Environment:** Automation (Selenium Webdriver, Appium), Manual, Jboss - 5.0.1GA, SOAP UI, Simulators, SQL, Java, Android, ADB Logcat, Agile, JIRA and Jenkins, Linux.

**Zions Bank**

**Salt Lake City, UT**

**July 2014 – December 2015**

**Software Test Engineer**

* Involved in project to understand the business needs and objectives of the system and interacted with the end client/users and gathered requirements for the integrated system.
* Performed functional, UI, cross-browser testing of the Banking web site, back-end and mobile versions.
* Participated in developer integration, system integration, and acceptance testing of all e-commerce application.
* Performed smoke and regression testing.
* Test execution and preparation of status reports.
* Performs defect management, drives defects to closure.
* Coordination among development and QA teams for the smooth delivery of the product.
* Logging defects into the defect tracking tool Bugzilla.
* Involving in Knowledge Transfer sessions.
* Test case automation using Cucumber test automation tool and Gherkin scripting language.
* Experience in Creating Runner/Step Definition for Releases.
* Experience in writing feature files and generating Test Result Reports using **Cucumber.**
* Developed Test cases manually and generated Automation Scripts using open source tools like Selenium Web Driver, TestNG, Maven and Jenkins.
* Validated Web Services **(WSDL)** by setting up request, and validating response to perform service mocking and functional testing using **SOAP UI**.
* Validated source and target data by writing **SQL** query using different string functions, group functions in SQL.
* Performed Compatibility testing which includes Cross browser testing, confirmation of browser security settings.
* Created test scenarios, test plan, test cases of system design documents.
* Performed functional and non-functional testing.
* Maintained Jenkins scripts to build, deploy and execute automated tests in nightly build.
* Involved in backend testing for different environments like System Testing and User Acceptance Testing.
* Coordinated with business analysts, development team and participated in bug review sessions.

**Environment:** Manual Testing, Selenium WebDriver, cucumber, Java, Linux, Jboss - 5.0.1GA, SQL, Agile, Bugzilla

**Alpine Bank**

**Hyderabad, India**

**July 2013 – June 2014**

**Jr. Tester**

* Interacted with developer and users to analyze the business requirements and functional specifications using waterfall methodology.
* Participated in all phases of software testing life cycle (STLC).
* Performed GUI, smoke, Ad-Hoc, functional, system, Integration and regression testing.
* Involved in both black box and white box testing using different techniques.
* Creation, execution of test cases and maintained proper documentation of results.
* Created and executed SQL queries to fetch data from SQL server database to validate and compare expected results with those obtained.
* Performed defect management, drives defects to closure.
* Participated in review meetings within team.
* Logging defects into defect tracking tool Bugzilla.
* Coordination among development and QA teams for the smooth delivery of the product.
* Involving in Knowledge Transfer sessions.
* Helped in providing the user acceptance tests based on the business flow.

**Environment:** Manual Testing, ASP .NET, VB .NET, Linux RHEL, Windows 2003/XP/2000, MS Word, Web Sphere, SQL Server, Bugzilla

**Education**

Bachelor of Technology (B.Tech.) in Computer Science & Engineering -Jawaharlal Nehru Technological University

**Awards and Certifications**

* Received best employee of quarter award from EQRM (United Airlines) for successfully releasing the Beta application.
* Certified AccelQ Automation Expert
* Certified Microsoft Technology Associate (DBMS).
* Certified Microsoft Technology Associate(.net).
* Certified Microsoft Professional Big Data
* Certified by IBM on Machine Learning with Python
* Certified Scrum Team Member from International scrum institute.