

Dipti Ranjan Behera
Email : behera46013@gmail.com
Number : 9777740059

QA Engineer/SDET

Professional Summary

- Around 2 years of QA experience in **Manual/Automation/Performance** testing of Web Apps and client with specializing in Software Quality Assurance Testing, QA Automation Engineer proficient in testing on Client/Server and Web based Applications.
- Strong knowledge in implementing Waterfall and Agile (Sprint/Scrum) Methodology by analyzing requirement specifications and responsible for developing Test Objective, Plans, Scope, Test procedures and Test Matrices.
- Well versed with Software Development Life Cycle),(SDLC)Software Testing Life Cycle (STLC), Logging and Tracking Defects in all the phases with major responsibilities and Diversified experience in Automation and Manual testing serving various domains.
- Experienced in designing customized Hybrid framework, Keyword Driven, Data Driven& Page Object Model(POM) to make maintenance process easier and achieve efficiency, re-usability and accuracy across applications
- Experience in White Box and Black Box testing for functionality and structural flow of an application
- Automated regression test cases using NUnit, Selenium with Java.
- Proficient in writing Selenium WebDriver automation scripts in Java using Maven, Jenkins, Firebug and TestNG Annotations for web applications
- Extensively used SQL queries for Back-End Database testing.
- Experience using Accessing Forms, tables, link, Keyboard Mouse Events, Uploading File using Selenium WebDriver
- Experience in locating web elements by XPath, CSS, Link text, Id, Name, Class name, Tag names, partial Link text using Firebug.
- Experience in testing and handling different frames (frames, iframes) of a HTML page with having different DOM's for every iframe.
- Hands on experience with AWS web services such as Amazon DynamoDB, S3, EC2 Instance.
- Productively involved in Defects logging and managing Defect Life Cycles using HP Quality Center, JIRA.
- Worked on testing applications on different browsers like IE, Firefox, Android, Safari and Chrome.
- Experience in using implicit and explicit waits for handling Ajax requests and synchronization in Selenium
- Experienced in using Apache POI to read data from external sources to feed locators into the test script.
- Extensively used Selenium APIs such as Take Screenshot for Capturing Failed test cases
- Handling the certificate errors using profile for Firefox and Desired Capabilities for IE and Chrome
- Work experience in integrating Selenium WebDriver automation scripts on Continuous Integration tools Jenkins/Hudson
- Tested embedded application software on various mobile devices, including smart phones and tablets.
- Expertise in Grouping of Test Cases, Test Methods and Test Suites for regression and functional testing using the TestNGannotations like Groups, Parameter, Data Provider
- Experience with Cross-Browser and Compatibility Testing to test whether the web applications are working as desired in different browsers and environments.
- Maintained the Selenium and JAVA automation code and resources in source controls like SVN, GIT over the time for improvements and new features.
- Proven ability in developing Behavioral Driven Development (BDD) scripts and Acceptance Test DrivenDevelopment (ATDD) with Cucumber and writing step definitions for behavior using Gherkin and solid understanding of Test-Driven Development (TDD).

- Strong experience with SOA architecture which include SOAP Web Service and RESTful Web Service Testing using SOAPUI, XML, &WSDL, URI
- Experienced in Back-End testing to ensure data consistency on front-end by writing and executing SQL queries
- Experience in working on databases such as Oracle, MSSQL Server, My SQL and JDBC connectors
- Good at using Test Management tools such as Rally, JIRA, ALM, QCbug reporting tools to track test progress, execution and deliverables.

Technical Skills

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| Web Technologies | HTML, CSS, JavaScript, AngularJS, NodeJS, XML, XSLT, JDBC REST services Selenium WebDriver, TestNG, Protractor, Selenium RC, Selenium IDE, Selenium Grid, JUnit, TestNG, SOAPUI, cucumber. |
| Programming and Scripting Languages | Java, Node JS, Angular, groovy, JavaScript |
| UI & Functional Automation Tools/ Frameworks | Selenium WebDriver, Protractor, Cypress, Rest-Assured, Mocha, Jasmine, Chai, Appium, BDD Cucumber, JUnit, TestNG, Karma, Load Runner, JMeter, SoapUI, Postman, N |
| Reporting and other Frameworks | Extent Reports, Jasmine Reports, Java Mail, Gmail API, Apache POI. |
| DevOps & CICD | SVN, Git, Stash, Jenkins, Team city, Docker, HP ALM AWS Cloud, Sauce Lab, Azure |
| Databases | MS Access, MySQL, SQL Server, Oracle, and MongoDB. |
| Build Tools | Ant, Maven, Gradle, Grunt. |
| Browsers | Internet Explorer, Firefox, Chrome & Safari. |
| Defect tracking and management tools | JIRA, QC ALM, Bugzilla, Azure DevOps Server |
| Database tools | SQL Server, MySQL, Oracle |
| Testcase Management Tools | ALM QC, JIRA Zephyr, TestRail |
| Project Methodologies | Agile, Waterfall |
| Web Browsers | Internet Explorer, Mozilla Firefox, Google Chrome, Safari, Opera |
| Platform Compatibility | Windows 7/8, UNIX, LINUX, Mac OS |
| MS Office Tools | Outlook, MS Word, MS Excel, MS PowerPoint, MS Access, SharePoint |

Work Experience

Company : NEXXOFT INFOTEL LIMITED

Role: Automation Engineer/SDET

Client: ESSITY

March 2022 to Present

Client Description : Essity is a leading global hygiene and health care company that is breaking barriers to well-being and contribute to a healthy.Sustainable and critical society. They sell their products through pharmacies, medical devcies stores,hospitals, distributions and care institutions. This support project was carried out for their business operations in this EU region.

Responsibilities:

- Participated Software Development Life Cycle including Requirement Analysis, implementation, built database and documentation.
- Run the Automated Regression suite and analyze results and file bugs.
- Interacted with business and development teams for requirements and test scenarios reviews and created test cases to meet product's business requirements.
- Extensively automated testing in SAP ECC environments.
- Performed Cross browser compatibility testing on Chrome, IE, Firefox, using JUnit Unit Testing Framework by adding different annotations.
- Involved in using the SOAP UI and REST to test Web Services using a WSDL file given by the development team.
- Involved in preparing test cases using Selenium with Java to validate all **UI** components, Pop-ups browser navigations, Mouse Movements.
- Working on developing and configuring test framework using Cypress and Mocha in Node JS platform and created different sets of reports using Cypress.
- Using Bitbucket for Version Control and Code Collaboration to manage code reviews.
- Build Hybrid Framework from scratch with the mixture of Data Driven and Key Driven framework.
- Performed testing on Web Services using WSDL and SOAPUI to check the communication between different web services.
- Developed functional, integration, interface embedded system tests for software applications and firmware using knowledge of test methods, equipment and platforms
- Created the **Jenkins** pipeline jobs for regression and smoke suites using Docker, Git, Jenkins.
- Had good experience in highlight the elements, click on specific button or link, scrolling page, drawing an border around the element, refreshing the page using **JavaScript Executor**.
- Performed Smoke testing, Regression testing, NUnit Testing, Black Box testing, Functional testing, Database testing and System Testing.
- Creating and executing detailed test cases with step by step procedure and expected results and maintained the test logs, test reports, test issues, defect tracking using **JIRA**.
- Peer reviewed automated test scripts, and ensured product performance of embedded software components
- Used Firebug/Chrome/IE Developer Toolkit and **Selenium IDE** to capture and validate CSS Locators, HTML IDs to identify elements.
- Experienced in facilitating User Acceptance Testing (**UAT**) for go-live.
- Involved in Sprint planning, Review Sessions, Scrum meetings. Developed Test Scenarios, Test Cases, Test data, Test procedures, Test reports.
- Developed **Behavior Driven Development (BDD)** framework for component tests using cucumber
- Automated functionality to read data from external source such EXCEL, Properties File.
- Used Apache POI to read data from Excel files and configured log4j for better logging mechanism
- Implemented **Page Object Model Automation framework** with Java, Selenium Web Driver.
- Used Desired Capabilities to configure driver instances and set browser properties for Firefox, Chrome and IE browsers and to handle SSL certificate Errors in **Selenium WebDriverTestNG**
- Utilized web developer tools such as **POSTMAN** to test the calls to the web services and check if correct data is returned.

Environment: Selenium WebDriver, Selenium-Grid, Java, AWS Cloud, TestNG, Windows, MS office 2007, Agile, Eclipse, ReadyAPI, Jenkins, Appium, Oracle, Cucumber, Firebug, Maven, GitHub, BDD Cucumber, Rest Assured, Maven, Postman, GitHub, Jenkin

Company : NEXXOFT INFOTEL LIMITED

Role : QA Automation Engineer

March 2023 to may 2023

Client: ORTLINGHAUS

DESCRIPTION : Ortlinghaus manufactures combine plates,clutches,breaks ,clutch-brake units and systems for a wide variety of applications.Clutches and brakes with producing plate linings and mechatronic systems.

Responsibilities:

- Extensively automated regression and functionality test suites using Selenium web driver and Java.
- Tested SOAP and REST web services using the different assertions like HTTP assertion, security assertions, XPATH assertions in READY API assertions.
- Used Parameters, data providers, and generated test reports in TestNG and involved in batch testing.
- Used Swagger UI for API Documentation (to get information about API, responses, input, functionality, kind of requests).
- Target language was usually an embedded Java
- Configured Selenium Grid to execute tests on different machines against different browsers in parallel.
- Reviewed Functional Requirement Specifications documents for the Test plans and Test Cases on webservice application.
- Involved in Functionality Testing and Test Case Automation for Inspections mobile project which includes both Webservices and Mobile Automation using Protractor, TypeScript, Selenium WebDriver, Cucumber Ready API and Rest Assured.
- Performed Automation Testing of each Build and then Regression testing on each build using Java and Selenium Web driver.
- Worked with the embedded software department developing the customer GUI
- Involved in RCA meetings, Product enhancement meetings with Product owner and BA.
- Performed Mobile Functional Testing and Automation for IMA app using Appium, Android Emulator & device and Selenium WebDriver with Java, TypeScript, Protractor and Cucumber
- Creating and executing detailed test cases with step by step procedure and expected results and maintained the test logs, test reports, test issues, defect tracking using JIRA.
- Had good experience in testing the Salesforce Marketing Cloud(Exact Target Product) in marketing and integrating data and creating real time opportunities and case details and customer contact information.
- Followed Agile Scrum methodology, participating in daily SCRUM meetings and testing each SPRINT deliverables.
- Identified several web elements using different locators such as ID, XPATH, CSS etc. available in Selenium WebDriver.
- Created automated script for REST-API testing using Rest Assured framework.
- Created the Jenkins pipeline jobs for regression and smoke suites using Docker, Git, Jenkins.
- Performing Web Services testing and JSON validation by creating a test case suite using Postman.
- Involving in implementing BDD framework using jasmine.
- Implementing Page Object Model Automation framework with JavaScript, Selenium WebDriver, and protractor.
- Experience with the Cloud (Azure) DevOps - Infrastructure and Platform as a service.
- Had hands on experience using JavaScript Executor where not able to identify the web elements using web driver method.
- Good experience in performing testing the web services using **SOAP UI** with **XML** web services and **SOAP**.
- Maintaining the Selenium scripts in **GIT** repository.

Environment: Selenium WebDriver, Java, TestNG, Windows, MS office 2007, Apache Kafka, Agile, Eclipse, Ready API, Jenkins, Appium, Oracle, Cucumber, Firebug, Maven, GitHub.

Educational Qualification:

- MCA(2023) from Bijupattnaik university,odisha
- **BCA** (2021) from Fakirmohon University,Odisha