**in**

**-Senior Software Engineer**

E-mail: budarpumadhu22@gmail.com Mobile: 8971064683

**Objective:**

Seeking opportunity in Software Testing/Quality Assurance in organization that offers opportunity for my career development, concurrently offering the organization my skills and knowledge to the best of my capabilities.

**Professional Experience:**

Worked as Software Test Engineer for **4.2 years.**

* Currently working as Automation Test Engineer in **Test Yantra Software Solutions Pvt Ltd**.

Since dec 2022 to till date.

* Previously worked as Software Test Engineer in **Test Well Technologies**

From sept 2018-nov 2022.

**Technical Skills:**

**WebDriverIO**

* Worked in **WebDriverIO automation tool** in JavaScript Platform.
* Expertise in writing **dynamic XPath** by using locators.
* Experienced in working with **Mocha Chai Framework**.
* Exposure in developing **POM using Page Object design pattern** by declaring the locators for elements using getters and business libraries for operations performed in that particular page.
* **Imported POM** and developed the test scripts.
* Implemented both **WebDriverIO Assertions** and **Chai Assertions for validation.**
* Proficient in **handling dropdowns** by using methods like selectByIndex, selectByVisibleText, selectByAttribute.
* Experience in **Suite execution** by adding the tests in array form using common name for the execution

under suite in configuration file.

* Worked in **Parallel and Cross-browser execution** by changing the services as selenium standalone and adding capabilities for each supported browser.
* Involved in generating **Allure Reports and spec.**

**JavaScript**

* Expertise in **OOP’S concepts-Classes, Inheritance, Method Overriding, Encapsulation.**
* Utilized different form of **Functions and datatypes.**
* Expertise in **looping and conditional statements.**
* Worked on **ES6 Features like let& const variables, default parameter, promises, template literal, Arrow function, class with static and non-static members.**
* Proficient in **Program Execution** and have worked in **function and variable hoisting** in memory.
* Experience in **Closure Property** like the scope of local and global variables within the block and function.
* Creating **Objects** in different ways and fetching the values from object by using properties.
* Worked on **predefined methods of Array, Math, String, Date.**
* Expertise in in-built methods like **apply (), bind(), call()** to perform function borrowing.
* Having experience in **Debugging the code,** if there is any deviation from desired result.
* Strong knowledge in **event execution in memory.**
* Handled asynchronous behaviour of JavaScript webAPI methods using **Promise.**

**Java**

* Worked on **OOPS concept Inheritance, Encapsulation, Polymorphism & Abstraction**.
* Expertise in **Method Overloading, Method Overriding**.
* Worked on **Upcasting and Downcasting.**
* Extensive Knowledge in **Exception Handling**.
* Conceptual Expertise on **Collection Framework, Array List, Set.**

**Selenium skills**

* Experience in Test Automation using **Selenium WebDriver.**
* Proficient in **WebDriver, Web elements, locators, and xpath.**
* Exposure on **writing Test scripts** by using Locators.
* Experience in **Handling Frames, Select and Actions Classes.**
* Proficient in **Alert Popups using the WebDriver methods.**
* Implemented **OOPS concept** in Automation Framework.
* Worked on **Data driven** in Selenium.
* Experience in build management tool **Maven**.
* Worked on Unit Testing Framework Tool like **TestNG for execution.**
* Executed scripts in **parallel, batch, group, cross browser using testng.xml file.**
* Generated reports using **TestNG.**
* Proficient in **Page Object Model design pattern** with **Hybrid Framework.**

**Manual Testing:**

* Worked on testing in all the phases of **SDLC and STLC.**
* Explored the application and identified the scenarios.
* Applying different Test case design techniques (Blackbox Techniques) **like Boundary Value Analysis (BVA), Equivalent Class Partitioning (ECP) and Error Guessing.**
* Reviewed the peer’s Test cases and providing the comments.
* Working knowledge of Executing the Test Cases and finding the bugs.
* Reported Bugs with all the required details.
* Performed **Smoke, Functionality, Integration, System testing.**
* Worked on **Regression Testing, Ad-hoc Testing, Exploratory Testing.**
* Expertise in writing, executing, and reviewing of Test cases.
* Worked and implemented **Bug Life Cycle** and used **JIRA** to log the defects.

**Project Details**

**Project 1**

**Duration:**1.1 years

Tools: JavaScript, WebDriverIO, Mocha-Chai framework, Visual Studio Editor, GitHub

**Project Description:**

The main objective of online Banking system is to manage the process of bank account creation, details of accounts, Internet Banking, transactions and Bank statements of end users. The project is built at administrative end and for the customer needs. The purpose of the project is to reduce the manual work of managing the accounts, Internet Banking, transactions, and Bank statements of customers for administrators. And also the customer can create an account, apply for debit card, and to create a internet banking profile and for fund transfer to make their work easy.

**Roles and Responsibilities**

* Understanding the testcases and executing it manually.
* Identifying and selecting the manual test cases for automation.
* Getting the latest framework in GitHub.
* Developing the POM classes using POM design pattern.
* Involved in development of automation scripts using WebDriver IO.
* Used chai to perform assertions.
* Uploading Test scripts for GitHub via Push request.
* Executed the test scripts in Batch, parallel and Group execution.
* Preparing script execution report using spec and allure reporter.
* Involved in analysing the result.
* Debugging the code if there is any error and executing it.
* Participated in scrum meetings like sprint planning, daily stand-ups, Bug-triage and

retrospective meetings.

**Project2**

**Duration:**2.8 years

Tools: Java, Selenium, Eclipse IDE, Maven, TestNG, Jira, GitHub, Jenkins

**Project Description:**

This project mainly deals to maintain and manage all the relationships of organisation and interactions with customers and potential customers, suppliers throughout your lifecycle with them, including finding new customers. The goal is simple that is to improve business relationships so that their product can get more exposure in market to increase their revenue. It helps the company to stay connected with customers, streamline processes, and improve profitability. By this project we can store customer and prospect contact information, identify sales opportunities, record service issues, and manage marketing campaigns, all in one central location —and make information about every customer interaction available to anyone at your company who might need it.

**Roles and Responsibilities as manual test engineer**

* Reviewing the design and user documentation, project specifications, and requirements.
* Participating in the Sprint planning meeting and knowing the sprint scope.
* Involved in brain storming sessions for more test scenarios.
* Preparing the test scenarios by understanding the sprint backlog assigned to me.
* Converting test scenarios into test cases and implementing them.
* Executing test cases to verify quality for product requirements.
* Performed system, smoke, functional, and regression testing.
* Logging the defects when there are deviations between expected vs actual using JIRA.
* Sending reports to lead with the data like how many testcases written, executed and how many bugs were raised.
* Involved in meetings like Sprint Planning, Daily Stand-up, Sprint Review and Retrospect Meetings.

**Roles and Responsibilities as QA engineer**

* Identifying and selecting the manual test cases for automation.
* Understanding and executing the test cases to check for manual intervention.
* Creating object repository using POM design pattern.
* Developing the automation scripts using Selenium WebDriver.
* Involved in creation of Hybrid Framework.
* Worked on Data Driven Testing, data provider.
* Performed Batch, parallel and Group execution.
* Execution report is prepared using TestNG.
* Analysing the result and debugging the code.
* Automated all allocated module test cases using framework.
* Expertise in build management tool maven.
* Involved in GitHub activities like import, commit, pull, push.

**Personal Details:**

Date of Birth : 15.01.1997

Nationality : Indian.

Languages known : English, Tamil, Hindi.

**Declaration:**

I do hereby declare above particulars of information and facts stated are true, correct complete to the best of my knowledge and belief.

**(INDHUMATHI R)**