

SURJO NEOGI

Software Automation Test Engineer

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PROFILE

A highly analytical and problem solving oriented *Software Test Engineer* with **4.6 years of experience** in test automation and manual testing. Expertise in Playwright, JavaScript, and CI/CD pipeline integration. Proven ability to implement best practices, and enhance test coverage to ensure high-quality software delivery.

PROJECTS

3) L&T Sufin, E-Commerce, 18 months
The main objective of this B2B E-commerce application is to cater to wholesalers, manufacturers, distributors, and other businesses. **Enable bulk ordering with automate invoicing and payment processing.** This application enhances operational efficiency by reducing manual order processing with **self-service portals for business clients.**

Tools : Javascript, Playwright, Visual Studio Editor, GitHub

Roles and Responsibilities :

- Design, develop, and maintain **end-to-end (E2E), functional, and regression test scripts using Playwright with JavaScript.**
- **Worked on ES6 Features** like let& const variables, default parameter, template literal, Arrow function, class with static and non-static members alongside.
- Implemented the **Page Object Model (POM)** design pattern to make the code more modular, scalable, and easier to maintain.
- Identifying and selecting the manual test cases for automation.
- Generated detailed **HTML reports** for test execution analysis and debugging.
- Performed Batch, parallel and Group execution of test suites.
- Leveraged **Playwright's auto-wait mechanism** to eliminate flaky tests and improve test stability.
- Contributed in **Data Driven Testing** by storing testdata in JSON and XML files.

PROFESSIONAL EXPERIENCE

Test Yantra Software Solutions (India) Pvt. Ltd, Software Automation Test Engineer
06/2025 – present

Aria Aerotech Pvt. Ltd, Software Test Engineer
12/2023 – 05/2025

May Spire Technologies Pvt. Ltd, Software Test Engineer
12/2020 – 11/2023

SKILLS

JAVASCRIPT

- Expertise on **Variable Declaration(var,let,const)** and **data types.**
- Good exposure on **Program execution in memory** i.e., **Variable Hoisting and Function Hoisting.**
- **Expertise on ES6 Features** like let& const variables, default parameter, template literal, Arrow function, class with static and non-static members.
- Expertise in various type of functions like **Arrow Function, Standard Function, Function expression and IIFE(Immediately Invocable Function Expressions).**
- Knowledge of **OOPs Concepts - Encapsulation, Abstraction, Inheritance.**
- 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.
- Handled asynchronous behaviour of JavaScript webAPI methods using **Promise.**
- Having experience in **Debugging the code**, if there is any deviation from desired result.

PLAYWRIGHT

- Navigating web pages, **interacting with UI elements** (buttons, forms, etc.)

- Responsible for **managing the configuration** file for setting up test conditions before and after execution of testcases.
- Contributed in **cross-browser testing and debugging.**

2) Online Banking System, BFSI, 18 months

The main objective of 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 this project is to **reduce the manual work of managing the accounts, Internet Banking, transactions and bank statements of customers and administrators.**

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

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 meeting.

1) MightyApe, E-commerce, 18 months

MightyApe is an innovative web based application designed to enhance e-commerce shopping experience by offering exclusive rewards and benefits. With MightyApe, you can earn exciting discounts, and cash- back on your purchases, making every shopping endeavour a rewarding one. With a user-friendly interface and seamless integration with popular e-commerce platforms, it ensures a smooth and hassle-free shopping experience.

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

Roles & Responsibilities(Automation Test Engineer):

- **Locating elements** using different strategies (CSS selectors, XPath, etc).
- Adept in using playwright's **tracing, screenshots, and video recording** features for debugging test failures.
- Proficient in handling **Hooks** to reduce redundancy improve test performance, and ensure a consistent test environment.
- Testing web applications **across different browsers**(Chrome, Safari, Firefox).
- Managing **multiple browser contexts**.
- Strong command over creating POM pages and accessing them via constructors.
- Generate detailed test report that includes screenshots, error logs, and step-by-step execution results for efficient reporting.

WEBDRIVER IO

- Good experience of using **WebDriverIO automation tool** in Javascript.
- 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 stage.
- **Imported POM** and developed the test scripts.
- Used both **WebDriverIO Assertions** and **Chai Assertions for validation**.
- Expertise in **handling dropdowns** by using selectByVisibleText, selectByAttribute, selectByIndex methods.
- Experience in **Suite Execution** by adding tests in array form using common name for the execution under suite in configuration file.
- Performed **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**.

JAVA

- Strong understanding of **Java syntax, variables, operators, loops, and conditionals**.
- Deep understanding of **primitive data types** (int, float, double, char, etc.) and **reference data types** (arrays, classes, interfaces).
- Knowledge of Control Flow with **if-else, switch-case, while, for, and do-while loops, and break/continue statements**.
- Worked on **OOPS concept Inheritance, Encapsulation, Polymorphism & Abstraction**.
- Expertise in **Method Overloading, Method Overriding**.
- Worked on **Upcasting and Downcasting**.

- 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.
- 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.

Roles & Responsibilities(Manual Test Engineer):

- Reviewing design and user documentation, project specifications, and requirements.
- 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.
- 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 test cases written, executed and how many bugs were raised.
- Involved in meetings like Sprint Planning, Daily Stand-up, Sprint Review and Retrospect Meetings.

- Handling errors using **try-catch-finally** blocks.Understanding of **checked** and **unchecked exceptions** (e.g., IOException, NullPointerException).
- Conceptual Expertise on **Collection Framework, Array List, Set.**

SELENIUM WEBDRIVER

- Experience in Test Automation using **Selenium WebDriver**.
- Proficient in **WebDriver, Web elements, locators, and xpath**.
- 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**.
- 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.
- Performed Smoke, Functionality, Integration, System testing.
- Worked on **Regression Testing, Ad-hoc Testing, Exploratory Testing**.
- Worked and implemented **Bug Life Cycle** and used **JIRA** to log the defects.

DECLARATION

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

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