

Girija Shankar Nayak

Software Test Engineer

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SUMMARY

Detail-oriented and proactive QA Automation Engineer with nearly 4 years of hands-on experience in JavaScript, including 2 years specializing in automation testing using Playwright with JavaScript and API testing with Postman. Demonstrated expertise in designing, developing, and maintaining robust automation frameworks, creating efficient test strategies, and ensuring end-to-end software quality in Agile environments. Skilled in CI/CD integration using Jenkins and Git, with a strong focus on early defect identification and achieving optimal test coverage.

Currently Working at **TestYantra Software Solutions India Pvt. Ltd.** Previously worked at **ITT Digital Pvt. Ltd** as a Frontend Developer for 2 years, Gained solid experience in JavaScript and UI development and also gained 1.9 years hands on experience in Automation testing in Playwright with JavaScript.

TECHNICAL SKILLS

Languages :- JavaScript, Java(OOPS),

Automation Tools :- Playwright, Selenium WebDriver, TestNG, Postman

Frameworks :- Hybrid, Data-Driven, Page Object Model (POM), Maven

CI/CD & VCS :- Jenkins, Git, GitHub

Bug Tracking :- Jira, Redmine

Database :- MySQL

Web Technologies :- HTML, CSS

Design Tool :- Figma

Testing Types :- Functional, Smoke, Regression, Integration, End-to-End, UI Testing

Methodologies :- Agile, SDLC, STLC

EXPERIENCE

- Hands-on experience in automating web applications using **Playwright with JavaScript**, with proficiency in writing and maintaining **end-to-end test** scripts using **Playwright Test Runner**.
- Experienced in **cross-browser testing** across Chromium, WebKit, and Firefox and handled **parallel test execution** in automation test framework.
- Proficient in handling **asynchronous JavaScript** using **Promises, async/await, and try/catch**.
- Automated complex user interactions, including **multi-tab handling, iframe navigation, dropdown selection, mouse and keyboard actions**, and implemented **data-driven testing** using JSON files for scalable test execution.
- Proficient in leveraging Playwright's **auto-wait mechanism** to **handle dynamic web elements**, configuring test retries to **stabilize flaky tests**. Utilized Playwright **fixtures and hooks** for efficient test setup and teardown, and generating **Playwright HTML reports** for clear test result visualization.
- Skilled in using **NPM**, managing project dependencies, and adept at identifying and utilizing **locators** and **XPath** for precise web element identification in automated tests.
- Strong understanding of **ES6+ JavaScript features**, including **let, const, arrow functions, template literals, and default parameters**.
- Solid knowledge of **classes, constructors, prototype inheritance, and closures**.
- Contributed to designing and implementing a **hybrid automation framework**.
- Participated in **Agile ceremonies - sprint planning, daily standups, and retrospectives**.
- Logged and tracked bugs in **Jira**, ensuring timely defect resolution.
- Integrated automation scripts with **GitHub** and **Jenkins** for continuous integration.
- Collaborated with developers and business teams for issue resolution and test coverage analysis.

PROJECTS

1.Pfizer Pro | Tools and technology used ([Playwright](#), [JavaScript](#), [VS code](#), [Jenkin](#), [Jira](#))

Domain :- Pharmaceutical

Description :- It is Pharmaceutical applications where any healthcare organization can search different Pfizer medicine, vaccine and they can do add to cart and they can order a sample of any medicine.

Key Responsibilities :-

- Converted manual test scenarios into automation scripts, reducing test time by 40%.
- Developed, maintained, and enhanced the automated end-to-end test scripts using Playwright with JavaScript.
- Configuring the playwright.config.js file to achieve parallel execution and cross-browser testing Implemented. Robust assertions using the expect method from Playwright's assertion library.
- Creating POM classes for test scripts to promote reusability in test scripts Maintain and manage test data in the framework through JSON files.
- Generating reports using HTML reporter in Playwright.
- Debugging the code for any errors, and executing it Reviewing test scripts and giving demos to the client.
- Pushing code to GitHub for continuous integration and test execution.
- Generating Work Progress Reports and communicating the reports to the Test Lead.
- Received 5–6 client appreciation emails for on-time delivery and high-quality testing.

2.Pfizer CIBINQO | Tools and technology used ([Postman](#), [Figma](#), [Jira](#), [Excel](#), [Manual Testing](#))

Description :- It is Pharmaceutical application where user can see details about CIBINQO medicine, before after stages, doses, side effects, and can order sample of the medicine.

Key Responsibilities :-

- Verified user flows including medicine info, dose tracking, side effects, and sample ordering.
- Understanding the Functional Requirements and Clients Business Workflow.
- Worked on REST API testing in order to performed CRUD operation and validate response body, status code, response time, header information and performed batch execution.
- Involved in Functional testing, Integration testing, Regression testing and ad-hoc testing.
- Preparing and documenting the test scenarios, test cases and test data.
- Logging the defect and tracking the defect using defect tracking tools.
- Coordinating with Test Lead and Development Team for Bug Fixing.
- Participating in Agile meetings.
- Reported 15+ critical defects during regression cycles.

CERTIFICATION

SDET Training Certification - Bangalore

EDUCATION

B.Tech – Gandhi Institute For Technology

CHSE – Sidheswar College of Science

HSCE – R.K Govt High School

DECLARATION

I hereby declare that the information furnished above is true to the based of my knowledge.

Girija Shankar Nayak