

# VIKAS H K QA Playwright Automation Engineer

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## SUMMARY

Detail-oriented and ISTQB-certified QA Automation Engineer with 4 years of experience in designing and executing automated testing solutions for enterprise-grade applications. Skilled in developing robust frameworks using JavaScript, Playwright, and with hands-on experience in API testing, CI/CD integration, and cross-functional Agile teams. Proven ability to reduce manual testing efforts, improve defect detection, and ensure faster, more reliable release cycles. Familiar with front-end technologies like ReactJS and practices in system design and SDLC methodologies. Passionate about delivering scalable, maintainable, and high-quality test automation solutions.

## CORE COMPETENCIES

### Technical:

Java | JavaScript | Playwright | Selenium WebDriver | TestNG | JUnit | SQL | Git & GitHub | GitHub Actions (CI/CD) | Maven | Postman | Jenkins (Basic) | PostgreSQL | Cucumber (BDD) | Automation Framework Design

### Functional:

Test Automation | API Testing | Regression & Smoke Testing | Keyword-Driven Frameworks | CI/CD Pipeline Integration | Bug Tracking & Reporting (Jira) | SDLC & Agile Methodologies | Cross-Browser Testing | Functional Testing | Release Support & Validation | Test Strategy & Documentation | Analytical Thinking | Collaboration & Communication

## PROFESSIONAL EXPERIENCE

**PRODUCT ENGINEER (Playwright Automation Engineer) | Edgeverve Systems Limited – Bengaluru, India | Feb 2022 – Jan 2026**

- Developed and maintained end-to-end automated test suites using Playwright for AI Next Platform applications, reducing production defects by 80%.
- Led the design and implementation of Playwright test scripts for client supply-chain and AI platforms, improving operational efficiency by 70% and increasing user satisfaction by 25%.
- Migrated legacy Selenium automation to Playwright, achieving 95% regression coverage and saving the QA team 15+ hours per week through faster and more reliable execution.
- Implemented robust API validations alongside Playwright workflows, reducing manual testing effort by 40% and improving defect detection by 35%.
- Built stable cross-browser and parallel test execution using Playwright, significantly reducing flaky tests and improving CI reliability.
- Performed daily smoke and health-check testing using Playwright, enabling early defect detection and smoother release cycles.
- Integrated Playwright test suites with GitHub Actions CI/CD pipelines, ensuring consistent test execution and high-quality builds across sprints.
- Collaborated closely with developers and product stakeholders in Agile ceremonies, ensuring test coverage aligned with evolving requirements.

**Tech Stack:** JavaScript, Playwright, Rest Assured, GitHub Actions, PostgreSQL, Lighthouse, CI/CD

## EDUCATION

- **PCMC / Alva's College, Karnataka | June 2014 – June 2016 |**
- **Bachelor of Engineering in Information Science and Engineering / Visvesvaraya Technological University, Karnataka | August 2021 |**

## CERTIFICATIONS

- **ISTQB Certified Tester – Foundation Level (v4.0)**

## KEY ACCOMPLISHMENTS

- Automated 95% of regression test cases by integrating Playwright saving ~15 hours per QA cycle.
- Improved defect detection rate by 35% through comprehensive REST API automation using Playwright.
- Reduced manual testing time by 40% and increased release velocity with CI/CD pipeline integration via GitHub Actions.
- Enabled 100% test script maintenance per sprint using a robust keyword-driven automation framework.
- Contributed to a 50% boost in operational efficiency by validating critical features on a AI Next platforms.

## PROJECTS

- **Netflix Clone** – Frontend app replicating Netflix UI and video content browsing using ReactJS.
- **Travel Recommendation System** – Suggests destinations based on user inputs using simple ML logic.
- **Attendance System** – Web-based solution for student/employee attendance tracking and reporting using Open CV.