

M T PRAVEEN KUMAR

QA Engineer - Manual & Automation Testing (Playwright / JavaScript)

Bengaluru, Karnataka, India

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PROFESSIONAL SUMMARY

QA Engineer with 2 years of experience in manual & automation testing, specialising in **Playwright**, **JavaScript**, and **Mocha**. Skilled in **BDD/Data-Driven frameworks**, **REST API** testing (Postman), and version control (Git/GitHub). Hands-on with **Agile/Scrum**, defect management (Jira & TestRail), and **CI/CD** integration (**GitHub Actions**). Strong in regression, cross-browser, and end-to-end testing confident in applying expertise to Cypress and other tools.

ACHIEVEMENTS

- Achieved **~98%** defect-free releases across 5 sprints by applying rigorous STLC practices and proactive defect tracking.
- Developed and implemented **Playwright automation** scripts for backend data validation and API testing, identifying **15+** critical bugs and reducing post-release defects by **~10%** within the first month.
- Successfully performed 100+ smoke and regression test cases with **~85%** pass rate with minor **cross-browser** issues documented and resolved in collaboration with developers.
- Integrated automation with **CI/CD pipelines** (GitHub Actions) and coordinated manual and automated testing to support smooth sprint releases.
- Actively collaborated with the development and product teams to improve **test coverage** and streamline QA processes, enhancing overall release quality and efficiency.

TECHNICAL SKILLS

- **Test Automation:** Playwright (Javascript/Typescript), Mocha, Cucumber (BDD), Page Object Model (POM), Cross-browser Testing, Parallel Execution, Test Data Management
- **Manual Testing:** Functional, Regression, Smoke, Sanity, End-to-End (E2E), Exploratory Testing, Defect Lifecycle Management, Test Case Design & Execution
- **API Testing:** REST API, Postman, Playwright API Request Fixture, JSON/XML Validation, Status Code Verification, Response Time Analysis
- **CI/CD & Version Control:** Git, GitHub, GitHub Actions, Jenkins (basic) Continuous Integration, Automated Deployment, Branching Strategies
- **Methodologies & Processes:** Agile/Scrum, STLC, SDLC, Shift-Left Testing, Sprint Planning, QA Sign-off
- **Test Management & Tools:** JIRA, Zephyr, Bug Tracking, Test Strategy, Test Planning, Requirement Traceability Matrix (RTM)
- **Reporting & Metrics:** Allure Reports, HTML Reporter, Test Coverage Reports, Test Execution Metrics

WORK EXPERIENCE

Slate SMS - Automation Test Developer

Remote (USA) | June 2023 - Present

- Initially joined as an Intern and transitioned to Full-time Automation Test Engineer based on performance and contributions in manual and automation testing.
- Worked on automation testing of **Slate SMS** web and mobile emulation modules like Admissions, Fee Management, LMS, Messaging, and Analytics using **Playwright**.
- Created and executed around 100 smoke and regression test cases, with **~85%** passing logged minor browser-related issues and collaborated with developers for resolution.
- Performed cross-browser testing on Chrome, Firefox, and Edge to ensure smooth functionality across all platforms.
- Integrated automation scripts with **CI/CD pipelines (GitHub Actions)** and did functional, regression, and **API testing** for key workflows like payments and notifications.
- Actively participated in **Agile/Scrum** meetings, suggested improvements in test coverage, and helped maintain overall product quality.
- Migrated Playwright + Mocha test runner to **@playwright/test** to enhance fixtures, parallelism, and reporting.

PROJECTS SNAPSHOT

- **Slate SMS (Playwright Automation):** Built advanced test automation framework, implemented **BDD & POM** using Mocha and JavaScript with **Playwright Automation Tool**.
- **Slate SMS (Manual Testing):** Focused on bug reporting, **API response validation**, and backend data validation using manual testing.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science, 2019 - 2023

R L Jalappa Institute of Technology, Doddaballapur (VTU)

PROFESSIONAL DEVELOPMENT

- **Playwright Automation Testing Course (Udemy, 2023)** - Self-paced training covering framework design, locators, API testing, and CI/CD integration.
- Reviewed **official Playwright documentation (2023–2024)** and applied concepts (**advanced locators, parallel execution, API testing**) directly in Slate SMS automation projects.