

SOHAIL SAFDAR

Senior QA & Automation Engineer

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PROFESSIONAL SUMMARY

Results-driven Senior QA Engineer with **12+** years of comprehensive experience in manual, functional, and automated testing of web and mobile applications across EdTech, Educational Gaming, Healthcare, and Corporate platforms. Proven expertise in building Playwright + TypeScript automation frameworks from scratch, establishing CI/CD pipelines via GitHub Actions, and leading QA teams in Agile environments. Delivered zero-defect releases and reduced post-release bugs by 40% through proactive collaboration and 95%+ test coverage. Experienced in cross-browser testing, mobile testing (Android/iOS), accessibility testing (WCAG 2.1), API testing, and offshore collaboration with global teams across Pakistan, UK, Singapore, Kenya, and Bangladesh.

CORE COMPETENCIES

Test Automation | Manual & Functional Testing | Playwright + TypeScript | GitHub Actions CI/CD | API Testing (Postman, Swagger) | Cross-Browser Testing | Mobile Testing (Android/iOS) | Regression & Smoke Testing | WCAG 2.1 Accessibility Testing | Multilingual & Localization Testing | Performance Testing (JMeter) | Security Testing (OWASP) | Test Planning & Strategy | Bug Tracking & Defect Management | QA Team Leadership & Mentoring | Agile/Scrum Methodologies | UAT Facilitation | Requirements Analysis

TECHNICAL SKILLS

Automation Frameworks: Playwright (TypeScript), I build a Playwright Framework integrated with GitHub Actions CI.

Languages: TypeScript, Python

CI/CD: GitHub Actions - pipeline design, test execution, reporting integration, Teams Webhook.

API Testing: Swagger, REST APIs - request/response validation, +, error handling

Testing Tools: Jira, TestRail, Trello, Bugzilla, Mattermost, TFS

Performance Testing: JMeter (Load & Stress Testing)

Version Control: Git, GitHub, GitLab

Browser & Dev Tools: Chrome DevTools, Android Studio

Collaboration: Mattermost, Microsoft Teams, Zoom, Google Docs

Platforms: Cross-browser (Chrome, Firefox, Safari, Edge), Android, iOS, Offline Apps

PROFESSIONAL EXPERIENCE

QA Lead / Senior QA Engineer & Automation

July 2012 – Mar 2026

Knowledge Platform Inc. | Remote

Automation & CI/CD

- Architected and implemented an end-to-end Playwright + TypeScript automation framework from scratch, covering UI, API, and integration test layers with Page Object Model (POM) design pattern
- Established GitHub Actions CI/CD pipelines for automated test execution on every pull request and nightly regression runs, integrating HTML/Allure reports and Teams notifications for instant feedback
- Automated 300+ regression test cases using Playwright, reducing manual regression cycle from 5 days to under 4 hours and enabling continuous delivery at scale
- Configured cross-browser and cross-device test matrix in Playwright to run tests in parallel across Chrome, Firefox, Safari, and mobile viewports, cutting execution time by 60%
- Integrated test results with Jira and TestRail via GitHub Actions workflows, enabling automatic defect creation and real-time traceability between test runs and requirements

QA Leadership & Strategy

- Led end-to-end QA strategy for CMS, LMS (Online/Offline), mobile apps (Android/iOS), and educational gaming platforms serving 100,000+ users across Pakistan, Singapore, Kenya, and Bangladesh
- Managed and mentored a QA team of 3 engineers, including peer reviews, automation onboarding, training sessions, and performance evaluations to raise overall team quality standards

- Designed and executed comprehensive test plans, test cases, and test scripts for web, mobile, and offline learning platforms, achieving 95%+ test coverage across all critical modules
- Reduced post-release bugs by 40% through proactive involvement during requirement analysis, design reviews, and early shift-left testing practices
- Conducted WCAG 2.1 accessibility testing and multilingual testing for platforms supporting English, Urdu, and Chinese languages
- Performed cross-device testing on 50+ Android and iOS devices, including offline functionality testing for apps used in low-connectivity areas
- Maintained regression test suite of 500+ manual and automated test cases for bi-weekly releases
- Facilitated UAT sessions with stakeholders and end-users; created detailed Jira bug reports with steps, severity, and screen recordings, reducing bug resolution time by 30%
- Participated actively in Agile/Scrum ceremonies - sprint planning, standups, reviews, and retrospectives - ensuring QA alignment with development cycles

Key Platforms Tested:

- Singapore Stock Exchange (SGX) Learning Platform - Corporate LMS for financial education
- Bonzo Knowledge Platform (bonzo.knowledgeplatform.com) - Gamified learning platform for schools in Pakistan
- Quotient Corporate Games (app.quotient.games) - Global corporate training and assessment platform
- Shupavu Games (shupavugames.com) - Educational gaming platform for Kenya
- Games Gym (gamesgym.knowledgeplatform.com) - Learning games platform for Bangladesh
- Global Climate Literacy (globalclimateliteracy.org) - Environmental education platform
- ChinesePOD (chinesePod.com) - A Chinese language platform

QA Engineer

July 2008 – June 2012

Digital Processing Systems | Islamabad, Pakistan

- Tested web applications for U.S.-based clients in healthcare and education sectors, ensuring HIPAA compliance and regulatory standards
- Executed functional, regression, smoke, and integration testing for client applications including Lincoln Educational Services and Micro Merchant Systems
- Identified, documented, and tracked 200+ critical and high-priority bugs using Bugzilla contributed to 15+ consecutive releases with zero critical bugs in production
- Created detailed test cases, test scenarios, and test data based on requirements documentation and user stories
- Collaborated with offshore development teams and clients to clarify requirements, reproduce bugs, and validate fixes
- Performed release verification and sign-off before production deployments; provided QA effort estimates during requirement review meetings

EDUCATION

Bachelor of Science in Computer Science – Software Engineering

Virtual University of Pakistan | Graduated: 2008

ADDITIONAL INFORMATION

Languages: English (Conventional), Urdu (Native)

Work Authorization: Available for remote/Onsite positions.

Availability: Immediate

Time Zone: PKT (UTC+5) - Flexible to work across time zones