Muhammad Ahsan Khan
Software QA Engineer

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CAREER OBJECTIVE

Software QA Engineer with 3.5+ years of experience in manual and automated testing across web, mobile, and API layers. Skilled in Playwright (C#) for end-to-end and functional testing, with growing proficiency in Jenkins CI/CD and Azure DevOps. Passionate about building scalable test automation solutions that enhance quality, speed, and developer collaboration under Agile delivery models.

TECHNICAL SUMMARY

- Playwright (C# .NET): Developed complex end-to-end automation for login, form filling, impersonation, digital signatures, and multi-role workflows. Reduced regression execution time by 40% and achieved consistent form-flow validation.

- Katalon Studio: Automated mobile End-to-End testing for hybrid Android/iOS applications, ensuring reliable integration and UI consistency across builds.

- MS DevOps & Jira: Managed Agile sprints, test cases, and defect life cycles; maintained full traceability between user stories, requirements, and releases.

- Postman & SQL: Executed API functional testing and database verification; validated data integrity through parameterized queries in SQL Server Management Studio.

- Jenkins (Learning): Currently designing CI/CD pipelines to automate Playwright test execution in pre-deployment sanity environments.

- BrowserStack: Performed cross-browser and cross-platform compatibility testing, ensuring high reliability of responsive web modules.

PROFESSIONAL EXPERIENCE

Nasfia Pvt Ltd   **03/2023 – 10/2025**
SQA Engineer   *Karachi, Pakistan*

Project: hprime.com.au

- Led a QA team of 2 engineers, standardizing ISTQB-aligned bug reporting and mentoring in Playwright automation.

- Developed a C# Playwright framework for end-to-end and functional testing, automating flows such as login, form filling, role impersonation, and digital signature capture on canvas, reducing manual regression time by 40%.

- Directed testing for a full-scale Azure Cloud migration, ensuring zero downtime and 100% requirements traceability through MS DevOps.

- Managed test case design and execution within Azure Test Plans, maintaining structured regression coverage for each sprint release.

- Collaborated with developers in Agile sprints using MS DevOps Boards, ensuring blocker resolution and timely quality sign-off.
- Delivered stable, high-traffic iOS/Android app releases achieving a 99% crash-free rate.

QBS Co
SQA Engineer

01/2022 – 02/2023
Karachi, Pakistan

- Authored 100+ test plans and defect reports with full traceability from business requirements to delivery.
- Accelerated Go-Live for a CRM system by resolving critical blockers 15% ahead of schedule through cross-functional collaboration.
- Used BrowserStack for multi-platform mobile reliability testing, reducing post-release issues.
- Coordinated Agile sprint testing cycles and ensured test readiness before deployment.

INDEPENDENT PROJECT & AUDITS

- Vino.com Automation Framework (C# .NET + Playwright): Built and published a full automation framework to demonstrate modern e-commerce testing. Implemented product search, cart validation, and DOM integrity checks with reusable test components. GitHub Repo: https://github.com/ahsanf22/Vino-Automation-POC.git
- Treedom Registration Flow Audit: Identified a false positive validation defect in the registration process where front-end and back-end validations conflicted. Suggested UX improvements and defect reproduction steps for engineering review.
- Dedalus Global UI/UX Consistency Audit: Detected cross-regional form validation inconsistencies and CSS defects affecting GDPR consent flow. Proposed unified validation logic for global site branches, improving compliance and data accuracy.

EDUCATION

University of Florence
MSc Software Science and Technology

07/2025 - Present
Florence, IT

Indus University
BSc Software Engineering

02/2018 - 04/2022
Karachi, Pakistan

CERTIFICATION

- **ISTQB® Foundation Level** — Pakistan Software Testing Board (PSTB)   **02/2025**
- **Agile Testing** — LinkedIn Learning   **01/2024**
- **Software Testing Foundations: Bug Writing & Management** — LinkedIn Learning   **01/2024**
- **SQA Foundation** — Xinsof   **10/2021**

SKILLS

- **Automation & Frameworks:** Playwright (C# . NET) • Katalon Studio (Mobile E2E) • Regression & Sanity Testing

- **API & Database Testing:** Postman • SQL (Validation & Querying)

- **CI/CD & DevOps Tools:** MS DevOps (Boards, Test Plans) • Jenkins (Intermediate) • Git & GitHub

- **Testing Methodologies:** Manual Testing • Functional Testing • UAT • ISTQB Standards • Agile Scrum

- **Tools & Platforms:** BrowserStack • Azure Cloud • Defect Lifecycle Management

- **Soft Skills:** Analytical Thinking • Problem Solving • Troubleshooting • Mentorship & Teamwork

LEARNING & DEVELOPMENT

- Currently learning Jenkins CI/CD pipeline integration for automated Playwright sanity testing.

- Exploring AI-powered testing frameworks and test analytics tools for faster defect detection.

LANGUAGES

English (B2) • Urdu (Native) • Italian (Learning)

WORK AUTHORIZATION

Open to part-time, full-time, and remote opportunities. Available to start immediately.