Muhammad Ahsan Khan

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PROFESSIONAL SUMMARY

ISTQB-certified Software Test Engineer with 3.5+ years building scalable test automation frameworks and leading quality initiatives. Currently pursuing MSc in Software Science at University of Florence. Expertise in Playwright, C# .NET, and Azure DevOps with proven ability to reduce testing time by 40% and maintain 99% crash-free rates. Strong track record mentoring teams and delivering critical-path projects on schedule for high-traffic mobile and web applications.

TECHNICAL SKILLS

Languages & Frameworks: C#, JavaScript, .NET, Playwright (Expert), SQL
Testing & Automation: Playwright, Katalon Studio, Postman API Testing, Regression/Sanity/UAT, Mobile Testing (iOS/Android)
Tools & Platforms: Azure DevOps (Boards, Test Plans), Git/GitHub, BrowserStack, SQL Server Management Studio
Methodologies: ISTQB Standards, Agile/Scrum, CI/CD, Root Cause Analysis, Requirements Traceability Matrix

PROFESSIONAL EXPERIENCE

Software QA Engineer   March 2023 – October 2025
Nasfia Pvt Ltd (HPrime Australia)   *Karachi, Pakistan*
- Led technical team of 2 engineers through Azure Cloud migration, achieving 100% quality benchmarks on schedule while maintaining stable production environment serving 50K+ users
- Engineered scalable Playwright/C# .NET automation framework reducing manual regression testing by 40% and enabling continuous integration for 10+ microservices
- Orchestrated end-to-end QA strategy for high-traffic iOS/Android mobile applications, maintaining 99% crash-free rate through rigorous integration and compatibility testing
- Managed complete test lifecycle via Azure DevOps including 500+ test cases, defect tracking, and requirements traceability across 15+ sprint cycles
- Mentored junior engineers on ISTQB best practices, standardized documentation, and Playwright automation, improving team velocity by 25%
- Collaborated in Agile sprints providing daily QA status updates and coordinating with cross-functional teams to resolve blockers, ensuring on-time releases

Software QA Engineer / Project Coordinator   January 2022 – February 2023
QBS Co   *Karachi, Pakistan*
- Authored 100+ comprehensive test plans with full traceability between business requirements and deliverables, supporting CRM system serving 10K+ enterprise users
- Accelerated major CRM Go-Live phase by 15% through cross-functional collaboration and systematic blocker resolution
- Optimized mobile app reliability across hybrid platforms using BrowserStack, reducing post-launch user-reported bugs by 30%
- Implemented structured defect lifecycle management resulting in 95% on-time defect resolution rate

KEY PROJECTS

Vino.com E-Commerce Automation Framework | *C#, .NET, Playwright, GitHub*   January 2026
- Built production-grade automation framework for e-commerce platform testing demonstrating advanced test architecture and design patterns
- Implemented automated scripts for critical user flows including product search, cart validation, and checkout processes
- Managed complete codebase via GitHub with professional version control practices and comprehensive documentation

QA Audit: Cross-Browser Validation Analysis | *Dedalus & Treedom*   January 2026
- Identified critical validation defects in contact forms affecting data integrity and user experience across regional deployments
- Performed root cause analysis on frontend-backend validation mismatches causing user drop-offs during registration
- Delivered actionable technical recommendations to align validation logic across production environments

EDUCATION

University of Florence   Florence, Italy
Master of Science in Software Science and Technology   *September 2025 – Present*
Indus University   Karachi, Pakistan
Bachelor of Science in Software Engineering – GPA: 3.19/4.0   *February 2018 – April 2022*

CERTIFICATIONS

ISTQB Foundation Level – Pakistan Software Testing Board (February 2025)
Agile Testing – LinkedIn Learning (January 2024)
Software Testing Foundations: Bug Writing and Management – LinkedIn Learning (January 2024)