Iqra Ilyas

Senior QA Engineer | AI/LLM Testing | API and Backend Validation | 6 Years

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PROFESSIONAL SUMMARY

QA Engineer with 6 years of experience testing web and mobile applications, now focused on AI/LLM product quality: validating AI-generated output, agentic tool-routing flows and non-deterministic behavior. I fully understand a feature and tally every requirement before I test, and I stay honest under deadline pressure. Strong in functional, regression and API testing, with hands-on backend validation (Postman, Swagger, Supabase, Railway, Stripe), SQL data checks and Python-based test scripting with Git. Known for catching high-risk and AI-specific defects such as hallucinated confirmations, broken tool actions and grading gaps before they reach users.

SKILLS

AI / LLM Testing: AI / LLM testing, AI assistant and chatbot testing, agentic AI testing (AI agents, tool routing), AI output validation, non-deterministic behavior, hallucination testing, prompt-injection testing, quality review of AI generated work

Testing: Manual Testing, Functional Testing, Regression Testing, Smoke Testing, Compatibility Testing, UI/UX Testing; Test Planning and Test Reporting; Test Case Design and Management; Risk-Based Testing; requirement analysis and coverage mapping; edge-case and end-to-end flow validation

API and Backend: Postman, Swagger, JMeter; API request/response validation; Supabase, Railway, Stripe integration and payment flow testing; backend log/server tracing; SQL and database testing

Scripting and Tools: Test automation with Python and Playwright (public GitHub projects); Python-based test scripting (reading and adapting automation frameworks); Git, Chrome DevTools, local environment setup

Bug Tracking: Jira, ClickUp, Asana, TestRail; defect tracking and reporting; full defect lifecycle management

Platforms and Methods: Web, iOS and Android, POS, Admin Panels; Agile, Scrum

WORK EXPERIENCE

Senior Software Quality Assurance Engineer | PayNest (Full-time)

09/2025 - Present | Remote

- Sole QA for a large-scale mobile and web platform covering transactions, content and ordering.
- Own the end-to-end QA lifecycle: requirement analysis, feature understanding, edge-case test design and proactive quality feedback.
- Manage multi-environment cycles (Internal QA, Staging, Production) to protect release stability.
- Perform API and backend validation (Postman, Swagger) alongside UI testing to ensure data accuracy across integrated systems.
- Log and drive defect resolution in ClickUp with clear severity, impact and reproducibility; run targeted regression and smoke testing on each build.

AI LLM Products | QA Engineer, Independent (Contract)

Remote

- AI WhatsApp Business Assistant (agentic, multi-tool): Tested an AI assistant that connects Gmail, Notion and Google Calendar so users create meetings, send and schedule emails, set reminders and receive Stripe payment notifications through natural-language WhatsApp chat. Validated end-to-end agent behavior: correct tool routing, action-confirmation accuracy and handling of ambiguous or multistep requests. Verified backend integrations directly (Supabase, Railway, Stripe), traced transactions through backend server logs, and validated APIs with Swagger and Postman. Probed AI-specific failure modes: hallucinated confirmations, incorrect tool actions, prompt injection via tool-read content and non-deterministic responses.
- AI Survey Generation and Analysis Platform: Tested an AI web app that generates survey forms, distributes them to users, collects responses and auto-calculates completion rates and results. Validated AI-generated form

accuracy against requirements, data-collection integrity, and the AI's own completion percentage and result matching calculations against expected values.
- AI Social-Emotional Wellbeing Tracker: Tested an AI-driven wellbeing app where users configure sleep and daily routine tracking and the AI handles goal-setting, personalized reminders and daily nudges. Focused on reminder accuracy, personalization logic and edge cases where AI output drifts from user intent or context is lost across sessions.

Associate Software Quality Assurance Engineer | PureLogics (Full-time)

07/2023 - 08/2025 | Lahore, Pakistan (On-site)

- Owned end-to-end QA for CMS and mobile applications, ensuring every release was production-ready before deployment.
- Designed and executed regression suites in ClickUp; led defect lifecycle management with developers and PMs to timely resolution.
- Created clear, reproducible bug reports with steps, logs and impact analysis; validated backend workflows using SQL across QA, UAT and Production.
- Prevented high-risk defects from reaching production through proactive, requirement-driven testing.

Technical Support Lead | Extensia (Part-time)

09/2024 - 02/2025 | Remote

- Analyzed and reproduced reported issues to ensure accurate, developer-ready bug documentation.
- Created detailed service-desk tickets with clear steps, expected vs actual behavior and impact; led client communications and resolution tracking.

Associate Software QA Engineer | Trustmarq Global Services, Inc.

02/2021 - 02/2022

- Executed manual, functional, regression, smoke and compatibility testing across web and mobile applications; managed defects and execution in Jira.
- Performed database testing with SQL to verify user data; set up local servers, used Git (pull/push) and supported repository management.

Intern Software Quality Assurance Engineer | Mikronexus, Inc. (Full-time)

01/2021 - 02/2021 | Pakistan

- Created and managed test cases in TestRail across business applications, admin portals and POS systems.
- Conducted end-to-end validation across web and mobile platforms; logged and tracked defects in Asana with detailed reports; assisted Android testing using Chrome DevTools.

EDUCATION

Master of Information Technology | University of the Punjab

CERTIFICATIONS

- Scrum Foundation Professional Certification (SFPC), CertiProf
- Software Testing Foundations: Testing throughout the SDLC, LinkedIn Learning (issued 06/2024)
- Jira Project Management, Great Learning Institute
- API Testing and JMeter Overview, 10Pearls University