Ahmed Medhat

QA Automation Engineer / SDET | Playwright · API Testing · CI/CD

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Languages: English — C2 | Arabic — Native

Professional Summary

ISTQB-certified QA Automation / SDET engineer with commercial QA, SRE, and production-support experience. Strong in Playwright, Selenium, Cypress, API automation, CI/CD quality gates, C#/.NET, Python, SQL, and React/TypeScript, with hands-on experience reproducing production defects and validating fixes across distributed systems.

Technical Skills

Automation: Playwright, Cypress, Selenium, Postman/Newman, pytest, xUnit, Jest
Quality Engineering: Test planning, functional, smoke, regression, API, end-to-end, cross-browser and release validation
Development: C#, .NET Core, Python, TypeScript, React, Next.js, REST APIs
CI/CD & Infrastructure: GitHub Actions, Docker, AWS, Azure, Linux, CI quality gates
Data & Diagnostics: PostgreSQL, SQL Server, Oracle DB, MySQL, Sentry, CloudWatch, Datadog
Defect Management: Jira, Bugzilla, RCA, reproduction scripts, telemetry analysis

Professional Experience

L3 Production Systems Support & Site Reliability Engineer *2025 – 2026*
Intellias *Remote / Hybrid*

- Resolved 700+ production incidents across databases, APIs, and microservices, converting live failures into reproducible engineering defects.
- Diagnosed intermittent software defects using runtime logs, HTTP payloads, SQL states, telemetry dumps, and network traces.
- Partnered with engineering teams on difficult edge-case reproduction and authored RCAs, SOPs, and incident runbooks.
- Automated recurring support and reliability tasks with Python and Bash.

QA Engineer & Site Reliability Engineer *2023 – 2024*
PivotX Solutions *Cairo, Egypt*

- Executed functional, smoke, regression, and pre-release testing, documenting clear reproduction steps, edge cases, and expected-versus-actual behavior.
- Investigated pre-production and production failures from both QA and reliability perspectives, helping isolate defects across application and infrastructure boundaries.
- Worked directly with developers to verify fixes and protect against regression in subsequent releases.

L2 Support Engineer *2022 – 2023*
Mubasher International *Cairo, Egypt*

- Triaged and resolved client software issues through ticketing and remote troubleshooting, strengthening root-cause analysis and user-impact awareness.

Selected QA & Engineering Projects

Enterprise Multi-Tenant SaaS Portal & Automated QA Suite
Playwright, Postman, C#, .NET Core, React, TypeScript, PostgreSQL, Docker

- Built CI quality gates running unit tests, API collections, and end-to-end UI automation on every pull request.
- Tested tenant isolation, JWT authentication, authorization rules, API behavior, and cross-browser UI workflows.

Autonomous Incident Triage & Defect Detection Engine
Python, FastAPI, pgvector, Docker, Sentry

- Built a utility that clusters related Sentry stack traces and produces structured defect reproduction briefs for engineering teams.

Education & Certification

Bachelor of Science in Software Engineering *Graduated 2022*
Cairo University

ISTQB® Certified Tester Foundation Level (CTFL) *Issued Sept 2022*
International Software Testing Qualifications Board