

MOAYED BADAWY

QA LEAD

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PROFESSIONAL SUMMARY

QA Lead with 8+ years in software quality across telecom, fintech and e-commerce. I build QA functions, set test strategy, and make quality a shared responsibility from requirements to release. Currently own test strategy and architecture-level quality review for a mission-critical telecom cloud platform built on event-driven microservices and TM Forum Open APIs across multiple markets. Built a QA function from zero to 13 engineers, led a QA team distributed across Egypt and India, and now lead QA teams at Celfocus and on the client side. I embed shift-left practices, and apply generative AI to testing with human judgment and clear risk controls.

CORE COMPETENCIES

Leadership & QA Strategy: Team building and mentorship, quality management systems, risk-based test strategy, release readiness and governance, stakeholder alignment across multi-vendor teams

Testing Disciplines: Functional, API, performance/NFR, integration (IIT), UAT, regression, mobile (Android/iOS), web

Architecture & Technical Review: LLD/HLD analysis, multitenant event-driven microservices, design-gap and inconsistency detection

Telecom Standards & APIs: TM Forum (TMF) Open APIs: TMF620, TMF622, TMF639, TMF687, TMF700; API contract and conformance validation; event-broker producer/consumer testing

Automation & Tools: Java, JavaScript, Selenium WebDriver, Appium, WebdriverIO, TestNG, Cucumber (BDD), JMeter; API: Bruno, Postman, REST Assured

Observability & Data: Datadog, MongoDB, SQL (MySQL, PostgreSQL), DynamoDB, Jira and Power BI dashboards

CI/CD & Cloud: Git, GitLab CI, Docker, AWS (Lambda, DynamoDB), Azure DevOps, BrowserStack

AI in Testing: GenAI-assisted test design and analysis, evaluation of AI output, risk controls for AI adoption (ISTQB CT-GenAI training)

Methodologies: Agile (Scrum, Kanban), SFe, BDD, shift-left testing

PROFESSIONAL EXPERIENCE

Lead Software Quality Assurance Engineer | Celfocus, Egypt Delivery Centre

Aug 2025 – Present

Quality Center of Excellence. Tier-1 telecom client's always-on cloud platform that keeps sales and operations running through planned and unplanned core-system outages.

- Lead the QA team at the Egypt Delivery Centre across several client projects, and lead the client's own QA team on the current engagement.
- Own end-to-end quality strategy for the platform, supporting a phased, multi-market rollout.
- Design test coverage for a multitenant, event-driven microservices architecture, building scope from low- and high-level design documents and challenging designs before execution.
- Plan and coordinate integration (IIT), product-team (PTC) and local-market UAT cycles across environments, each with tailored scenarios and test sets.
- Brought performance testing into project scope and own it end to end: volumetric load with JMeter, throughput and auto-scaling validation with Datadog, and replay testing as the core system recovers from outage.
- Validate coverage across the platform's TM Forum Open API surface (catalog, ordering, inventory, stock, shipping, outage) per service and market.
- Designed and delivered a 3-day QA internship bootcamp for 12 interns, built on a live practice project and reusable across chapters.

Lead Software QA Engineer (promoted from Senior QA Engineer) | Nomo Fintech

Jul 2023 – Oct 2025

UK-based, Sharia-compliant digital bank. Remote, with regular office visits.

- Led a QA team distributed across Egypt and India, reporting to the Head of QA in the UK; owned test strategy, automation scope and release sign-off.
- Established and maintained a Quality Management System: quality policies and procedures, internal audits, and training programs adopted across squads.
- Architected end-to-end test strategies across functional, API, mobile and UAT phases, and defined the release-readiness criteria used to sign off launches.
- Instituted risk assessments to monitor and mitigate release risks proactively.

- Directed the regression strategy, introducing risk-based test selection focused on critical user journeys to shorten the regression cycle.
- Defined test automation scope and strategy (Selenium, Appium) to maximise regression coverage.
- Built real-time quality dashboards in Jira and Power BI, giving stakeholders data-backed visibility into release readiness.

Senior QA Engineer | Nomo Fintech

Oct 2022 – Jun 2023

- Owned quality for the squad's features across functional, API, mobile and UAT testing, with test strategies and risk-mitigation plans per release.
- Designed BDD test scenarios and defined automation scope for the automation team (WebdriverIO, BrowserStack); tested AWS backend services (Lambda, DynamoDB).
- Defined release readiness with go/no-go criteria and ran regression on beta and UAT.

Senior QA/Test Engineer (Acting Chapter Lead) | Capiter

Oct 2020 – Sep 2022

B2B e-commerce platform across MENA, retail and marketplace models.

- Built and led the QA function from zero to 13 engineers, owning hiring, onboarding, mentorship, KPIs and personal development plans.
- Directed the team's automation strategy (Java, Selenium, Appium, JMeter), reducing manual testing effort across squads.
- Introduced and ran the UAT process end to end with product and business teams, including release sign-off.
- Owned quality across data science algorithms (Recommendation Engine, BuyBox), REST APIs, Android/iOS apps and web portals.
- Partnered with Scrum Masters and chapter leads to embed Agile practices; handled production incidents, hotfixes and release coordination.

Software Quality Control Engineer | Eventtus

Nov 2019 – Nov 2020

Event engagement platform: native apps, ticketing and virtual events across MENA.

- Owned QA for a mobile squad (Android, iOS, APIs, web portal) across functional, performance and usability testing, including the virtual events platform.
- Developed test plans and QA reporting metrics that drove continuous process improvement.
- Mentored junior QA engineers and supported hiring through CV screening and interviews.

Software Test Engineer | Eye ADV

Jan 2018 – Nov 2019

Software house serving pharmaceutical-industry clients.

- Established core QA processes aligned to system specifications, writing test plans and preparing environments and data from scratch.
- Introduced automation and API testing at the company with Selenium WebDriver and Postman.
- Ran regression with impact analysis plus smoke, sanity, end-to-end and UAT testing; worked directly with clients to troubleshoot production issues.

EDUCATION

B.Sc. Computer Science | El Shorouk Academy, Cairo

2013 – 2017

- Graduation project (grade: Excellent): led the team that built an auto-parking car controlled by a mobile app (Arduino + Android).

CERTIFICATIONS & COURSES

- ISTQB Certified Tester Foundation Level (CTFL) v4.0, PSTQB, 2026
- ISTQB Certified Tester – Testing with Generative AI (CT-GenAI): course completed, exam in progress
- Microsoft: Introduction to Generative AI and Agents, 2026
- ICAgile Certified Professional (ICP), 2020
- Courses: Test Automation (Automatest, 2019), API Testing (TestPRO, 2019), Scrum: The Basics (2019), Intro to SQL for Data Science (DataCamp)

LANGUAGES

Arabic (Native) | English (Professional Working Proficiency)