

Mohamed Moheyeldin

Senior SDET | Test Automation Lead | Quality Engineering

Reston, VA | mohamedmoheyeldin.com | mohamedmoheyeldin.jobs@gmail.com | linkedin.com/in/moheyeldin | github.com/mohamedmoheyeldin

PROFESSIONAL PROFILE

Hands-on Software Development Engineer in Test and quality engineering leader with 10+ years of experience designing scalable UI and API automation, building reliable test frameworks, and integrating quality signals into delivery pipelines across federal, e-commerce, and banking environments.

CORE EXPERTISE

Test Automation Architecture | UI and API Testing | CI/CD Quality Gates | Manual and Exploratory Testing | Risk-Based Testing | Team Leadership and Mentoring

SELECTED EXPERIENCE

Senior SDET / Test Automation Lead | Booz Allen Hamilton | 2020-12 - Present

- Led a team of five automation engineers, establishing scalable test strategies, resource planning, and automation standards.
- Designed Cypress and Playwright frameworks for UI and API testing with resilient asynchronous handling, retry logic, and robust assertions.

Software Engineer in Test | Chick-fil-A Corporate | 2018-11 - 2020-12

- Architected GitHub Actions pipelines integrating Cypress Dashboard and AWS for automated execution and rapid feedback.
- Designed modular smoke and regression suites with JavaScript, Cypress, and Mocha, including flaky-test mitigation.

Software QA Engineer | Ally Bank | 2015-09 - 2018-11

- Performed exploratory, functional, and regression testing of web applications across multiple platforms.

TECHNICAL TOOLKIT

Automation: Playwright, Cypress, Selenium WebDriver, Cucumber BDD, Applitools

Programming & API: TypeScript, JavaScript, Java, SQL, Playwright API, REST Assured, Postman

Delivery: GitHub Actions, Azure DevOps, Jenkins, Bamboo, Cypress Dashboard, AWS, EC2

Data & insight: Oracle, SQL Server, MongoDB, JMeter, Datadog, Allure, Elastic Stack

Test frameworks: TestNG, JUnit, Mocha, Chai, Jest, Selenium Grid, Applitools Eyes

EDUCATION & DEVELOPMENT

Bachelor's degree in Computer Science | American College of Commerce and Technology | 2014 | Cucumber BDD Automation Framework | Implementing SAFe Course (5.1) · Scaled Agile, Inc. · 2021 | Leading SAFe 4.0 Course · Scaled Agile, Inc. · 2016