Andrew Amin Azmy

SENIOR AUTOMATION TEST ENGINEER

CONTACT

- 📱 +966 547 984 666
- 📞 +20 121 178 2855
- ✉️ andrewamin878@gmail.com
- 💼 LinkedIn Profile
- 📍 Riyadh, Saudi Arabia

PERSONAL INFO

DATE OF BIRTH
August 1, 1992
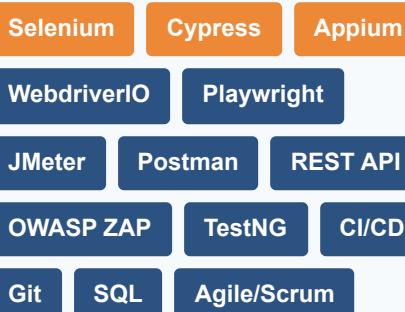
NATIONALITY
Egyptian

MARITAL STATUS
Single

CORE SKILLS

Selenium Cypress Appium

WebdriverIO Playwright

JMeter Postman REST API

OWASP ZAP TestNG CI/CD

Git SQL Agile/Scrum

LANGUAGES

English	French	Arabic
Advanced	Advanced	Native

PROFESSIONAL EXPERIENCE

Senior Automation Test Engineer
General Organization for Social Insurance (GOSI)

📅 October 2024 – Present   📍 Riyadh, Saudi Arabia

- Lead the design and implementation of comprehensive test automation frameworks for enterprise-level social insurance applications
- Architect and maintain end-to-end automated test suites using Cypress, Selenium WebDriver, and WebdriverIO for web applications
- Develop and execute mobile automation testing strategies using Appium for Android and iOS platforms
- Implement API automation testing using Postman and REST Assured, ensuring seamless integration across microservices
- Conduct performance testing and load analysis using JMeter to validate system scalability and reliability
- Execute security vulnerability assessments using OWASP ZAP and implement security testing protocols
- Integrate automated tests into CI/CD pipelines using Jenkins and Azure DevOps for continuous testing
- Mentor junior QA engineers and conduct knowledge transfer sessions on automation best practices
- Collaborate with cross-functional teams in Agile/Scrum environment to ensure quality deliverables

Senior Automation Test Engineer
Saudi Authority for Data and Artificial Intelligence (SDAIA)

📅 February 2022 – September 2024   📍 Riyadh, Saudi Arabia

- Spearheaded automation testing initiatives for AI-driven government applications and data platforms

CERTIFICATIONS

2024

Software Testing using Cypress
Software Testing Mentor - Cursa
October 2024

Software Testing Full Course
Great Learning - Cursa
October 2024

Postman API Testing Tutorial
Software Testing Mentor - Cursa
October 2024

Software Testing for Beginners
Guru99 - Cursa
October 2024

2023

Mobile Automation with Appium
JavaScript - Test Automation University
April 2023

Selenium WebDriver with Java
14 Chapters - Test Automation University
April 2023

API Test Automation with Postman
Test Automation University
April 2023

Performance and Load Testing
Tools & Techniques - TAU
April 2023

Source Control with Git
Test Automation University
April 2023

Introduction to Cypress
Test Automation University
April 2023

Test Automation for Accessibility
Test Automation University
April 2023

Cucumber with JavaScript
Test Automation University
April 2023

Mocha JavaScript Test Framework
Test Automation University
April 2023

Introduction to JavaScript
Test Automation University
April 2023

2017

ASTQB Mobile App Testing
September 2017

Performance & Security Testing
OWASP ZAP, JMeter

- Developed robust mobile automation frameworks using Appium and WebdriverIO for cross-platform testing
- Implemented web functional automation suites using Cypress with comprehensive test coverage
- Designed and executed API testing strategies, performance benchmarking, and security assessments
- Established UI automation testing standards and best practices across multiple project teams
- Contributed to quality assurance processes for critical national data infrastructure projects

Software Quality Assurance Engineer
Trufla Technology

📅 September 2021 – January 2022   📍 Cairo, Egypt

- Executed comprehensive testing across Android, iOS, and web insurance applications
- Performed performance testing to ensure optimal application responsiveness under load
- Conducted API testing and validation for backend service integrations
- Implemented security testing protocols to identify and mitigate vulnerabilities
- Developed functional automation scripts using Selenium, Cypress, Protractor, Appium, and Katalon

QA Team Lead
Devartlab

📅 September 2020 – September 2021   📍 Cairo, Egypt

- Led and mentored a software support and testing team, ensuring quality deliverables
- Managed daily testing operations and established quality assurance workflows
- Executed comprehensive regression testing for all software updates and releases
- Conducted performance optimization and security vulnerability assessments
- Performed database testing and validation for data integrity
- Developed mobile automation testing solutions for iOS and Android platforms
- Created user documentation, training materials, and technical guides

July 2017

Selenium WebDriver Automation
Java, TestNG Framework
March 2017

API Testing
February 2017

ISTQB Foundation Level
January 2017

2016

ORACLE 11g Developer
SQL, PL/SQL, Forms, Reports
December 2016

Software Testing at Utest
July 2016

2015

Ministry of Defense - IT
Microsoft, ICDL, CISCO Certified
December 2015

Front-End Web Development
HTML, CSS, JS, Bootstrap, jQuery
February 2015

2012

Java Essentials
Ministry of Defense
2012

2011

CCNA (Cisco Certified)
December 2011

IT Admin Training
Citi Bank
April 2011

- Delivered quality assurance for ERP, LiveDoctor, CMS, e-commerce, and HR systems

Quality Control Engineer
United for Transport

📅 September 2019 – September 2020   📍 Cairo, Egypt

- Managed all functional testing phases from test planning to execution and reporting
- Conducted performance and security testing to ensure application reliability
- Prepared comprehensive test plans, test cases, and quality documentation
- Handled software deployment and configuration at client sites
- Administered server database operations and data validation testing
- Executed regression and confirmation testing for all change requests

Software Test Engineer
ibex-solutions

📅 October 2017 – August 2019   📍 Egypt

- Executed full software testing lifecycle including unit, integration, system, and acceptance testing
- Performed API testing and data flow validation for complex system integrations
- Managed software deployment, configuration, and post-release support
- Conducted regression testing for new product models and feature releases

Freelance QA Consultant
Independent Contractor

📅 January 2016 – January 2020   📍 Cairo, Egypt

- Provided functional testing services including black-box and white-box methodologies
- Developed automated test scripts using Selenium WebDriver with Java and TestNG
- Performed database testing using SQL Server and MySQL
- Conducted performance testing using JMeter and API testing using Postman
- Executed security assessments using OWASP ZAP

- Created SRS documents, user manuals, and technical documentation

EDUCATION

Bachelor's Degree in Computer Science
Ain Shams University (ASU), Egypt
2009 – 2014 | Grade: Good

TECHNICAL EXPERTISE

- **Automation Frameworks:** Selenium WebDriver, Cypress, Appium, WebdriverIO, Playwright, Protractor, Katalon Studio
- **Programming:** Java, JavaScript, TypeScript, Python
- **API Testing:** Postman, REST Assured, SoapUI
- **Performance Testing:** JMeter, Gatling, LoadRunner
- **Security Testing:** OWASP ZAP, Burp Suite
- **CI/CD:** Jenkins, Azure DevOps, GitHub Actions
- **Databases:** MySQL, PostgreSQL, SQL Server, MongoDB
- **Methodologies:** Agile, Scrum, Kanban, TDD, BDD
- **Tools:** JIRA, TestRail, Confluence, Git, Docker