

Marwan Ayman

Software Tester

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Profile

ISTQB-certified software engineering graduate with hands-on experience in software testing. Skilled in finding and solving software issues, writing test cases, and improving product quality. Known for attention to detail, problem-solving skills, and commitment to meeting deadlines. Ready to contribute to a team and eager to learn new testing tools and techniques.

Education

2018/10 – 2022/07 **Bachelor Degree In Software engineering**

Faculty of Computers and Artificial Intelligence, Cairo University

GPA:3.06

Graduation project: A+

Internships

2025/07 – 2025/11 **ITI intensive program**

Software Testing Intern

- Completed and applied **ISTQB v4 Foundation Level** concepts, including test design, defect management, and quality assurance principles.
- Designed and executed **manual test cases**, identified and reported software defects clearly using industry-standard methods.
- Performed **API testing** using **Postman** and **Swagger**, validating endpoints, authentication tokens, and response handling.
- Gained hands-on experience with **Selenium** for basic automation and regression testing.
- Contributed to the “**Testination**” QA team in designing and executing structured test plans.
- Tested the “**Smart Diagnosis**” project in the **Digitopita competition**, focusing on functional and usability validation.

Projects

E-Commerce Website Testing

- Tested a Magento-based eCommerce demo site by identifying **7 critical business modules**, including: **Account Creation, User Authentication, Shopping Cart, Checkout Process, Product Search, Wish List, Profile Management**
- Designed realistic test data sets (valid/invalid) and emphasized edge cases
- Focused on scenario coverage and clarity to support handover to automation teams

API Test Plan – CRM Module (Swagger-based)

- Developed a detailed test plan for a CRM backend system by validating RESTful API endpoints using **Swagger UI**
- Covered 3 core modules: **Authentication, Contact Management, and Invoice Processing**
- Designed 30+ positive and negative test cases, uncovering **7 critical bugs** including logic and validation issues
- Tested token-based authentication and recommended improvements for API security, error handling, and input validation

Crypto manager

- Crypto Manager help and support users with decision making tools to guide him through crypto world.
- Crypto Manager uses ML models to put predictions for Crypto Currencies' prices.
- **Technologies used:** linear regression, Deep learning, Vue, python

Technical Skills

- Manual Testing
- Performance testing (jmeter)
- Java
- Version Control
- API Testing (Postman/Swagger)
- Bug Tracking and Reporting
- JavaScript
- Object-Oriented Programming (OOP)
- Automated Testing (Selenium)
- Test Case Writing
- Database/SQL

Soft Skills

- Teamwork
- Adaptability
- Time management
- Problem Solving
- Communication

Certificates

ISTQB Certified Tester Foundation Level — #211012009

Courses

RedHat System AdministrationI8.0

RedHat Application Development I: Programming in JavaEE7.0

RedHat OpenShift I: Containers &Kubernetes 4.5

SprintUp - Introduction to Software Testing

Languages

Arabic — Native/Bilingual

English — Proficient