

# Marwa Abdelhakim Ibrahim El-Sheshtawy

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## Career Objective

A results-driven **Principal Software Quality Engineer** with solid experience in leading QA efforts, test automation, and Salesforce quality management.

Skilled in **manual, automated, and AI-assisted testing**, with a passion for **prompt engineering** and continuous improvement. Seeking to leverage my leadership and technical expertise to deliver **high-quality, scalable software solutions** while enhancing testing efficiency through AI innovation.

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## Professional Experience

### Integrand, Inc.

#### Principal Software Quality Engineer

Oct 2023 – Present

- Lead QA activities for **record retrieval and Salesforce domain projects**, covering legacy and modern web systems.
- Design and execute **test strategies, automation frameworks, and validation plans** across integrated systems.
- Supervise a **QA team (3–4 members)** – assigning tasks, tracking progress, and reporting status.
- Represent QA and development teams in **leadership meetings**, providing reports, release summaries, and RCA documentation.
- Conduct **root cause analysis** to drive prevention and process improvements.
- Collaborate directly with **clients and stakeholders** to align quality goals with business objectives.
- Define and prioritize the **product backlog**; facilitate Scrum ceremonies and demos.
- Apply **AI and prompt engineering techniques** to optimize testing workflows, reporting, and data analysis.
- Perform and oversee **Salesforce testing** for custom integrations, data validation, and workflow automation.

### Senior Software Quality Engineer

Oct 2021 – Oct 2023

- Delivered QA for **biotech web systems**, handling **manual, automation, and integration testing**.
- Performed **API testing** (manual & automation) using **RestSharp, Swagger, and Postman**.
- Managed test cases, bugs, and Agile sprint boards in **Jira**.
- Designed and maintained **robust reusable test suites** aligned with complex business workflows.
- Supported **CI/CD processes** and collaborated with developers to ensure quality releases.

### Vodafone Intelligent Solutions (VOIS) – Smart Village, Giza, Egypt

#### Test Automation Engineer

Apr 2020 – Aug 2021

- Designed and executed **automated regression and functional test scripts**.
- Participating in **test planning, estimation, and execution** within Agile sprints.

- Worked closely with developers to improve testing coverage and product quality.

### Software Testing Engineer

Aug 2019 – Apr 2020

- Created and executed **manual test cases** to validate functionality and UI.
  - Performed **UAT and post-deployment verification**.
  - Logged and tracked bugs, collaborating with developers and product owners for resolution.
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### Education

#### Diploma of Software Testing & Quality Assurance

Information Technology Institute (ITI), Software Engineering Dept. Oct 2018 – Jul 2019

#### B.Sc. in Computer Science – Software Engineering

Faculty of Computer and Information Sciences, Ain Shams University Sep 2014 – Jul 2018

**Grade:** Very Good      **Graduation Project:** *Customer Care Chatbot – Excellent*

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### Skills

#### Leadership & Management:

QA Team Leadership • Mentorship • Task Planning & Status Reporting • Stakeholder Communication • Backlog Prioritization • Root Cause Analysis • Continuous Improvement • Agile/Scrum Facilitation

#### Technical & Testing Expertise:

- **Manual & Automation Testing:** Web, API, and Integrated Systems
- **Salesforce Testing:** Functional, Integration, Data Validation, and Workflow Testing
- **Automation Tools:** Postman, RestSharp, Swagger and Selenium.
- **AI & Prompt Engineering:** Using AI to enhance test design, reporting, analysis, and documentation.
- **Agile QA Practices:** SDLC, STLC, and Test Planning within Scrum
- **Tools:** Jira, Confluence, Git, SQL, CI/CD pipelines, AzureDevops.
- **Process Optimization:** Test Coverage, Defect Prevention, and KPI Reporting

#### Core Competencies:

Quality Ownership • Analytical Thinking • AI-Augmented QA • Problem Solving • Communication • Adaptability • Continuous Learning

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### Languages

**Arabic:** Native

**English:** Very Good

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### Certifications

- **ISTQB Certified Tester Foundation Level – Agile Tester (CTFL-AT)** – Apr 2019
- **ISTQB Certified Tester Foundation Level (CTFL)** – Feb 2019