

# **AMAL HARRAK** Software QA Test Engineer

Arabic Language Expert | Immediate Joiner

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# **PROFESSIONAL PROFILE**

QA Test Engineer with 4 years of experience in software testing, holding a Master's degree in Computer Software Engineering. Skilled in both Manual and Automation testing, proficient in API testing. Possesses functional expertise in testing Web, Desktop, and Mobile applications, with a track record in Telecom, Ecommerce, and Banking domain. Been worked on multiple Testing projects in Waterfall and Agile / Scrum environment. Have expertise in Requirement analysis, Test planning, Test strategy, Traceability Matrix document, Test case preparation, Regression suite preparation, Test execution, SIT, UAT Testing. Detecting all types of defects and defect tracking, Test closure. Have been an active team member in interacting with on-site and clients.

# WORK EXPERIENCE

## Feb 2023 - Jan 2024

**QA Test Engineer** 

Capgemini Technology Services, Morocco

Mission: Setting up Functional and Automated tests for a Full Stack Application for Bouygues Telecom Client.

- Review, analyze Business requirements and collaborate on preparing the test plan and test strategy.
- Create user stories following customer requests for evolution and correction.
- Designing functional test requirements, test data and test scenarios.
- Prepare and execute functional, Integration, regression, Retesting, Smoke, system and UAT testing.
- Prepare software testing metrics including defect counts, status, test coverage, defect density.
- Create, execute test cases in Squash TM and prepare test reports. Track Bug Life Cycle via JIRA.
- · Write SQL queries to retrieve and validate data from databases.
- · Design, develop and execute automation scripts using Selenium WebDriver with Java.
- Run automated tests, analyze test results and report defects plus Debug and fix issues in scripts.
- Review requirements, specifications and technical design documents to provide timely and meaningful feedback.

Skills: Java, Selenium, WebDriver, TestNG, Test Functional, Test Script, Test Data, Jira, Maven, Jenkins, Git, SQL, Agile

#### Feb 2022 - Jan 2023

Test Consultant

Capgemini Technology Services, Morocco

## Mission: QA Tester and API Tester involved in testing a unified customer communication management system.

- Participated in client meetings to ensure project alignment with client needs.
- Analyzed requirements plus wrote technical specifications and unit test sheets.
- Wrote test scenarios and executed them to ensure quality control of the app.
- Analyzed and fixed bugs in the application to ensure smooth and efficient performance.
- Test Web Services, manage HTTP code on Postman, debugging and interpreting logs.
- Participating in Gitlab CI pipeline tasks to ensure smooth deployment processes.
- Measure source code quality with SonarQube and increase code coverage with TU.
- Implementing evolutions such as new Web Services, IHM, Workflow and Rest Part.
- Created and managed test data, ensuring that test scenarios cover different data sets and conditions.

Skills: Java, Postman, Rest API, Manual Testing, UAT, Swagger, Json, JUnit, Jira, Jenkins, Git, PostgreSQL, Agile

Feb 2021 - Jan 2022

Test Analyst

#### Capgemini Technology Services, Morocco

## Mission: Perform Manual Testing of Desktop Application for Bouygues Telecom Client.

- Identify test scenarios, test cases, and test data based on business requirements and functional specifications.
- Performed Functional, System, Regression and Coordinated with the Development team and Business analyst for Fixing the Bugs.
- Performed Data base testing and participating in performance testing like stress test, load test using JMeter.
- Participate in Daily meetings and Scrum meetings to provide testing status updates and discuss issues.
- Manage different artefacts such as Traceability Matrix, Test Reports, Test Closure and conduct demo to UAT users and final Users.
- Collaborate with business owners during UAT to ensure that the application meets business requirements and expectations.

Skills: Java, Test Performance, JMeter, SIT, UAT, GUI, SonarQube, Maven, Git, Jenkins, Xray, Squash TM, SQL, Agile

Feb 2020 - Aug 2020

Manual Tester – Intern

**Orange Business Services, Morocco** 

#### Mission: Perform Manual Testing of Mobile Banking Application associated with BMCE Bank.

Collaborate with dev teams to understand system requirements for cross-border payments, SWIFT transactions, inward and outward remittances. Execute comprehensive testing of payment and transfers modules.

- Detailed Knowledge on core banking systems Temenos T24 and processes, especially on credit card.
- Identify and report any issues related to payment processing and fund transfers. Documenting test results and defects.

Skills: Java, Payment Gateway, Funds Transfer, Swift Transfer, MX, MT, UAT, GUI, SQL, Git, Jenkins, Azure, Agile

#### Feb 2019 - Aug 2019

#### Automation Tester - Intern

Devoteam, Morocco

Mission: Development of a business process Automation solution of a Full Stack Web E-Com Application.

- Analyze and define what needs to be automated and what should remain manual. Adapt test strategy to new architectures.
- Automate reboot and business processes using UiPath studio.
- Track and report on the entire test automation phase. Document test plans, test cases, and automation processes for future reference.

Skills: UiPath, RPA, Java, JavaScript, UI Test, Black box Testing, Excel, Azure, Confluence, Jenkins, Git, PostgreSQL

## **EDUCATION AND CERTIFICATES**

March 2019ISTQB Test Functional and AutomationAug 2019 - Feb 2021Master's degree in Computer Software EngineeringUIAug 2015 - Feb 2019Bachelor's degree, UM5 Mathematics and ITUI

Udemy UM5 Rabat, Morocco UM5 Rabat, Morocco

#### SKILLS

TECHNICAL SKILLS : JAVA / API REST / Web Services / Selenium / TestNG / WebDriver UiPath / RPA / PostgreSQL / SQL / Payment Gatway / Funds Transfer / Swift

**PRINCIPLES AND TOOLS :** Jira /Squash TM / Postman / JMeter / Junit / Microsoft Azure /Confluence Jenkins / Git / Gitlab CI CD / Swagger /Json / SonarQube / SIT Testing / UAT Testing

#### LANGUAGES

| English : | Professional Competence | => | Speak, Read, Write |
|-----------|-------------------------|----|--------------------|
| Arabic :  | Native Speaker          | => | Speak, Read, Write |
| French :  | Professional Competence | => | Speak, Read, Write |