



# AMAL HARRAK

## Software QA Engineer

### CONTACT

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### SKILLS

#### TECHNICAL SKILLS

- JAVA / JEE
- Spring boot
- API REST
- WebServices
- Swagger / Json
- Postman API
- PostgreSQL
- SQL / MySQL
- Wiremock
- Junit / Mockito

#### PRINCIPLES & TOOLS

- Squash TM
- Jira / Xray
- RabbitMQ
- Jenkins
- Maven
- Git / Github
- SonarQube
- SonarLint
- Script Test
- Test Automation
- UiPath
- Agile / Scrum

#### LANGUAGES

- English ——— Fluent
- French ——— Fluent
- Arabic ——— Native speaker

### EDUCATION

Rabat, Morocco	Computer Software Engineering
2019 - 2021	Master's degree, UM5
Rabat, Morocco	Mathematics and IT
2015 - 2019	Licentiate degree, UM5
Rabat, Morocco	Sciences Mathematics
2014 - 2015	Baccalaureate, Ibn El Khatib

### CERTIFICATES

Udemy	Dec - 2022	ISTQB Tester Fondation
Udemy	Mars - 2021	ISTQB Test Automation
Udemy	Nov - 2020	Spring Frame Work
Udemy	Sep - 2020	Agile Scrum Training

### PROFESSIONAL EXPERIENCE

Feb 2023 - Present **QA Automation Engineer** [Capgemini Technology Services Morocco]

**Mission:** Setting up functional and automated tests for a FullStack application.

- Read and analyze specifications.
- Prepare test plans.
- Designing functional test requirements and scenarios.
- Create test cases in Squash TM.
- Execute test cases and prepare test reports.
- Report and follow up on anomalies.
- Identify non-regression test cases.
- Create user stories following customer requests for evolution and correction.
- Participate in launch and acceptance meetings and follow-up meetings.
- Set up automated functional tests via Selenium.

**Tools:** Spring Boot, Test Automation, Squash TM, API Swagger, Jenkins, Git, Xray, Rest API, Angular, Scrum

Sept 2021 - January 2023 **Software QA Engineer** [Capgemini Technology Services Morocco]

**Mission:** Java full stack engineer and webServices tester for a French operator developing a unified customer communication management system.

- Participate in customer needs scoping meetings.
- Analyze and formalize requirements.
- Write technical specifications and unit test sheets.
- Development of test scenarios and execution of unit tests.
- Analysis and correction of acceptance and production anomalies.
- Anomaly logging and incident tracking in the form of JIRA.
- Support the customer in the business testing phases.
- Test web services and manage HTTP code on Postman.
- Prepare JDD and Test cases on Postman.
- Measure source code quality with SONAR and increase code coverage with TU.
- Development of evolutionary and corrective maintenance requests.
- Development of IHMs, workflows, and the Rest part.

**Tools:** Spring Boot, Java, API Postman, Jira, Xray, Jenkins, Git, JUnit, Mockito, API Swagger, Json, SonarQube, RabbitMQ, PostgreSQL, Rest API, Angular, Agile

Feb 2021 - Aug 2021 **QA Automation Engineer** [Capgemini Technology Services Morocco]

**Mission:** Migration of data from a modular application to Amazon S3 and development of a business process automation solution using the UIPATH tool.

- Participate in the migration of data from NFS to Amazon S3.
- Analyze and define what needs to be automated and what should remain manual.
- Adapt test strategy to new architectures.
- Automate business processes with UIPATH.
- Improve software quality by systematizing non-regression testing.
- Track and report on the entire test automation phase.

**Tools:** Spring Boot, Test Automation, Jira, UiPath, Git, Amazon S3, PostgreSQL, Rest API

### PERSONAL PROJETS

Realised-2020 **Memories-App** [► DEMO GITHUB]

**Mission:** Developing MERN Application that allows users to:

- Post interesting events that happened in their lives.
- Like, update and remove a post.

**Tools:** ReactJs, Redux, NodeJs, ExpressJS, MongoDB, Json, Shell

Realised-2020 **Map-Android-App** [► DEMO GITHUB]

**Mission:** Developing an Android Mobile application.

- Written in Java and built using the Google Map API.
- It allows users to locate locations and rate the places that there visiting.
- With a description registered in online SQLite database.

**Tools:** Java, Android, API google Maps, MySQL, SQLite, Rest API