AMAL HARRAK
Software QA Engineer

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Dubai, UAE

SKILLS

TECHNICAL SKILLS

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

PRINCIPLES & TOOLS

- Squash TM
- Selenium
- Maven
- SonarQube
- Script Test
- UiPath
- Jira / Xray
- Jenkins
- Git / Gitlab CI
- SonarLint
- Test Automation
- Agile / Scrum

LANGUAGES

- English — Professional Competence
- Frensh — Professional Competence
- Arabic — Native speaker

EDUCATION

Rabat, Morocco
2019 - 2021
Computer Software Engineering
Master's degree, UM5

Rabat, Morocco
2015 - 2019
Mathematics and IT
Bachelor's degree, UM5

Rabat, Morocco
2014 - 2015
Sciences Mathematics
Baccalaureate, Ibn El Khatib

CERTIFICATES

ISTQB	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 8, API Postman, Jira, Xray, Jenkins, Git, JUnit, Mockito, Jersy Test, Json API Swagger, SonarQube, RabbitMQ, PostgreSQL, Rest API, Angular 6, Maven, Scrum

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 reboot and 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, Test Script, Jira, UiPath, Git, Amazon S3, PostgreSQL, Rest API

PERSONAL PROJECTS

Realised-2020 — **Memories-App** — [▶ DEMO 🔗 GITHUB]

Mission: Developing MERN application that allows users to:

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

Tools: ReactJs, Redux, NodeJs, ExpressJS, MongoDB, Client-Server, Shell, Json, Html, Css

Realised-2019 — **Map-Android-App** — [▶ DEMO 🔗 GITHUB]

Mission: Developing a Mobile application that allows users to:

- Locate locations and rate the places that there visiting with a description and a rating recorded in the online database.
- View and rate places saved by other users.

Tools: Java 8, Android, API google Maps, MySQL, Rest API, Local-SQLite, Json