



MOUSSAOUI Mohammed

Passionate about technologies and development, I have gained strong skills in computer science, and I love taking on new challenges.

📞 0758705774

✉️ moussaoui.mohamed.m@gmail.com

🌐 @m-moussaoui

🐙 @mmed199/

STUDIES

University of Côte d'Azur
Nice Sophia Antipolis
2019-2021

Master 1 and 2 - MIAGE MBDS (Mobiquity, Big Data, and Systems Integration)

**University of Evry-Val
d'Essonne**
2018-2019

Bachelor's degree - MIAGE (Computer Methods Applied to Business Management)

**Higher School of
Technology in Oujda**
2016-2018

University Technology Diploma - DAI (Computer Application Development)

PROFESSIONAL EXPERIENCES

FORTIL
September 2023 - Present

EPS - Java Developer

Context: A Java microservices project that serves as the backend for the [Homiris](#) product, a connected alarm system. The application manages data from secured homes, processes alarms, security files, notifications, and more. It also serves as the backend for the client web and mobile applications, as well as the desktop application for customer hotline operators.

Technologies: Java, Spring Boot, Microservices Architecture, CQRS, Kafka, Jenkins, Oracle, ElasticSearch, Kibana, Maven

Tasks:

- **Design and development of a complex microservices architecture** with Kafka integration.
- Backend management of a surveillance application for **600,000 clients**.
- **Deep expertise in Java, Spring Boot, and Kafka integration.**
- **Performance optimization** to ensure maximum responsiveness.
- **Implementation of critical features** for the home alarm and surveillance service.

FORTIL
November 2021 -
September 2023

Sopra Steria / ONET - Full Stack Developer (Web & Mobile)

Context: Our team is responsible for managing the information systems of the ONET Group, a leading French business services provider. The information system consists of various web, batch, and mobile applications, each dedicated to a specific area of ONET's expertise, such as cleaning services, security, logistics, and airport services. I have contributed to the improvement of existing systems and the adoption of new strategic directions for the group.

Technologies : Java, Spring Boot, JavaScript, TypeScript, Angular, Node js, Express js, Kotlin, Android, MongoDB, PostgreSQL, GitLab CI/CD, Ansible, Maven

Tasks:

- **Implementation of new features** for ONET's agent management, scheduling, and intervention applications on web and mobile platforms.
- **Estimation** of new changes and writing **technical documentation**.
- **Bug fixing** and implementation of **testing** and quality control procedures to prevent future bugs (**Clean Code, Code Review**).
- **Technical lead for several applications** and assistance with the integration of new team members.
- **Expertise in CI/CD configuration** with GitLab and deployment automation with Ansible.

KOEDIA

September 2019-
September 2021

Apprenticeship as Full Stack Developer

Context: Redesign of an administration site and improvement of white-labeled booking sales sites (Hotels, Cars)

Technologies : Java, Spring Boot, Javascript, Angular, Mysql, Hibernate, AngularJs

Tasks:

- **Creation of a back office (Admin)** for our sales team to view supplier performance, reservation quantities, etc.
- **Bug fixing.**
- **Improvements to sales sites** (faster search, filtering of results, reservation management, etc.).

SQLI

April - June 2019

Internship - Improvement of a web application for managing employee leave.

Technologies : Java, JEE, Javascript, JQuery, MySql

LANGUAGES

French	fluent
English	fluent (TOEIC: 985)
Arab	native

CENTER OF INTEREST

Competitions	Hackathons, Nuit de l'info
Communities	Active in the Moroccan IT community (Talks during conferences, Content creation, etc.)

PROJECTS

Personal Project
In Progress

A progressive web application (PWA) dedicated to managing a cosmetics store.
Technologies: Node.js, Express.js, Angular, Google Cloud, Heroku
[Care Space](#)

Université Côte d'Azur
Nice Sophia Antipolis

NFC Web Project - A web application for reading NFC tags attached to boxes and listing their contents.
[Github](#)