

Omar CHAABOUNI

IT ENGINEER | AWS Cloud Certified Architect | 2x AWS Certified

COMPUTER NETWORKS AND TELECOMMUNICATIONS ENGINEER SPECIALIZED IN CLOUD PLATFORMS AND IOT
GRADUATED FROM INSAT IN TUNIS, TUNISIA (CARTHAGE UNIVERSITY)



✉ omar.chaabouni.11@gmail.com

📍 Tunis, Tunisia

📄 omar-chaabouni.github.io/portfolio/

🐙 github.com/omar-chaabouni

📞 +216 52334208

📅 21 October, 1998

🌐 linkedin.com/in/omar-chaabouni

🗣️ medium.com/@omar.chaabouni.11

EDUCATION

National Engineering Diploma (specializing in computer networks and telecommunications)
National Institute of Applied Science and Technology (INSA Tunis, Carthage University)

09/2017 - Present

Tunis, Tunisia

Courses

- IoT
- Big Data
- Business Intelligence
- Devops
- Networks & telecoms
- Software engineering
- Cloud Computing
- Data Science

WORK EXPERIENCE

Data Engineer Consultant
Talan Consulting

09/2022 - Present

Tunis, Tunisia

Achievements/Tasks

- Solve clients issues & workflows on AWS: use of AWS, SQL, Python

IoT engineer intern(End of studies internship)
Talan Consulting

02/2022 - 06/2022

Tunis, Tunisia

Achievements/Tasks

- Implementing an IoT cloud based solution for monitoring servers room with the use of the ESP32 board and DHT22 & MQ135 sensors
- Use of the NVIDIA Jetson Nano board for facial recognition
- AWS cloud architecture with use of AWS IoT Core, Kinesis Firehose, S3, SNS and OpenSearch for visualizations and dashboards etc...

IoT developer intern
Professional Management Consulting (PMC)

07/2021 - 08/2021

Sfax, Tunisia

Achievements/Tasks

- Development of a desktop application with Flutter providing telephone functionalities using the SIM900A card and designing, wiring, testing, interfacing, and using REST APIs.

Part time job full stack web developer
Vayetek

03/2020 - 08/2020

Tunis, Tunisia

Vayetek is a Startup founded in March 2017, innovative in the development of organizational and promotional solutions. (Angular and Laravel Stack)

Achievements/Tasks

- Realization of the administrator part and JWT authentication in the Eventizer platform
- Import and export in Excel files and access management.

SKILLS



PERSONAL PROJECTS

COWS & BULLS: Reflexion game (Flutter & Firebase) (10/2021) [↗](#)

- [Puzzle game available on play store.](#)
- Usage of Firebase Authentication for authentication and Cloud Firestore as a database.
- Usage of streams and providers.

Mobile diagnostic application and diagnostic aid concerning rheumatological diseases in favor of the institute Kassab Manouba (Flutter & NodeJs & MongoDB) (02/2021 - 05/2021) [↗](#)

- Implementing login and register using JWT authentication and protecting routes with authentication tokens.
- Creation of patient interfaces and doctor interfaces (+12 screens).
- Implementing a machine learning model as an extension to this work. The goal is to show how efficient machine learning is in predicting if a patient is diagnosed or not based on his record data provided by "Kassab Institute".

Carpool web application (Angular & Django) (02/2020 - 05/2020)

- Creation of a "hoyhoy habbatni" carpooling web application after working on its UML diagrams.
- Implemented features : Login, register, add a post, modify a post, reserve a seat, profile page etc ...

Rendez-vous vaccin (Html & CSS & JavaScript) (12/2020) [↗](#)

- Web application to manage the covid-19 vaccination campaign in Tunisia. This project was created during a 24H hackathon. My team and I got 2nd place, and it was after that adopted and developed by the Tunisian government ([evax.tn](#)) .

CERTIFICATES

AWS Solutions Architect Certificate (11/2022 - 11/2025) [↗](#)

AWS Cloud Practitioner Certificate (09/2022 - 09/2025) [↗](#)

CCNA: Introduction to Networks (2020), Cisco [↗](#)

LANGUAGES

English
Full Professional Proficiency

Arabic
Native or Bilingual Proficiency

French
Full Professional Proficiency

Spanish
Limited Working Proficiency