

Nader CHATTI

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SKILLS

Spoken languages	Trilingual in English, French and Arabic
Programming languages	Python, HTML, CSS, JavaScript, TypeScript, Java, C, C++
Framework	React, React Native, Angular, NodeJs, Flask, FastAPI, SpringBoot
Databases	MongoDb, Oracle, MySQL, PostgreSQL

PROFESSIONAL EXPERIENCE

MyHotelMatch <i>Freelance Full-Stack Developer Engineer</i>	Biot (06), France JAN 2023 – JAN 2024
<ul style="list-style-type: none">• Implementation of a REST API using the FastAPI Python framework• Creation of a mobile application in React Native targeting the hotel, dating and social networking sectors, enabling travelers and hoteliers to profile each other, facilitating matches to find the best hotel to match their needs and preferences.• Creation of a React Back Office dedicated to hoteliers, simplifying profiling of their establishments, tracking reservations and offering a consolidated view via an intuitive dashboard.• Acquisition of Amadeus certification, specialized in hotel reservation services, with expertise in REST to SOAP protocols	
Epsilon GROUPE <i>Freelance Full-Stack Developer Engineer</i>	Saint-Laurent-du-Var (06), France JUL 2021 – DEC 2022
<ul style="list-style-type: none">• Development of a REST API in Java SpringBoot and a PostgreSQL database• Development of a mobile application in React Native and a Back Office in React• VPS configuration and deployment of services	
Université Côte d'Azur <i>End of studies intern M2</i>	Biot (06), France JUL 2020 – SEP 2020
<ul style="list-style-type: none">• Development of a Deep Learning platform for medical imaging analysis based on Python's TensorFlow framework (clustering/TensorFlow/Kmeans).• Detection of the presence of a brain tumor on an MRI image, isolation of the infected area and generation of a mask• Development of a website (Angular) enabling doctors to use the functionalities from a simplified interface	
HES <i>End of studies intern L3</i>	Saint-Laurent-du-Var (06), France MAR 2017 - MAI 2017
<ul style="list-style-type: none">• Design of a connected smart home using the IPX800 component controlled by a web application and voice recognition• Development of a web application in VueJs and integration of voice recognition• Development of the NodeJS server• Integration of Jarvis speech recognition	

EDUCATION

Université Côte d'Azur <i>M2 MBDS: Master 2 in Big Data and Systems Integration</i>	Nice, France 2019 – 2020
Université Côte d'Azur <i>M1 MIAGE: Master 1 Computerized Methods Applied to Business Management</i>	Nice, France 2018 – 2019
ISITCom <i>Applied degree in computer networking</i>	Sousse, Tunisia 2013– 2017

PROJECTS

RaspCar

2020

- Development of a vehicle control solution, with remote access to vehicle status data from a mobile app and web client
- Mirroring of smartphone applications on the central touch screen
- Implementation of an interface displaying dashboard information retrieved by connecting to the ECU via the OBD socket and processed by a NodeJs server installed on a Raspberry PI4.

BigData Analytics

2020

- Design and development of an interface (HTML/CSS, JS D3JS) enabling car dealers to visualize and make decisions on vehicle type recommendations to customers.
- Implementation of two different databases, Oracle and MongoDB, and a performance analysis algo (R, HDFS, HADOOP)

Smart House

2019

- Building a model of a connected smart home with an ESP32
- Development of the Arduino algo (C++) managing the signals sent by the ESP32 and communicating with an Express/NodeJS server.
- Design and development of a web application in VueJS to control connected home components

Web Héval

2019

- Development of a site (HTML/CSS Bootstrap) to evaluate websites via their URLs and return a summary of their compatibility with people with disabilities (visually impaired, hearing impaired, color blind, etc.).
- Development of Express/NodeJS server