

Mounir Taouafe

Software Engineer



Personal Info



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Camerino (MC)



Driving license

Languages

- Italian - Native
- English - Fluent
- Arabic - Basic

Skills

- Python
- Javascript(VueJS,NodeJS,React Native)
- SQL
- Wordpress
- PHP
- Docker
- Java
- Git, Github,CI/CD
- HTML/CSS/BOOTSTRAP

In-progress Skills

- Golang
- Artificial Intelligence
- Blockchain
- HTMX

Work Experience

Stage at Filippetti SPA

- UWB sensor analysis for human presence detection
- Embedded systems integration and IoT (STM32,LoRaWAN)
- Technologies: C++,LoRa,MQTT,Arduino,STM32

Stage at GOBID S.R.L

- Back-end implementation for a ticketing system (Node.js, Javascript)
- Front-end implementation for a ticketing system (Vue.js, Javascript)
- Websites maintenance (Wordpress)

Education

Computer Science Master's degree

University of Camerino

10/2021-ongoing

Thesis title: Human-AI collaboration for Technology Innovation (GoBid S.R.L. Partnership)

Computer Science Bachelor's degree

University of Camerino

10/2017-07/2021

Academic Projects

Tuner

- Implementation of a mobile application to analyze and visualize instrumental frequencies
- Technologies: React Native, Javascript, Redux

Doit

- Implementation of a web application to share and visualize project ideas
- Technologies: Java , Springboot , Dart

Dstorage

- Pipeline creation for data analysis of IoT incoming streams following the Extract,Transform,Load principle (ETL)
- Technologies: Kafka, JuiceFS, Apache Spark

BPMN Analytical Engine

- Implementation of a web application for extraction, analysis and processing of BPMN data (Business Processing Model Notation)
- Following the extraction of data from an Excel file they're visualized through a dashboard and processed, the end user is able to download the resulting file
- Unit Test implementation (PyTest,Selenium)
- Github Action triggers creation to automate the building and testing phase
- Applied Agile and Scrum methodologies for the whole life cycle of the project
- Technologies: Python, SQLite,Pandas,Streamlit,Selenium,Github Actions,CI/CD