BAYOUDHI FIRAS

JUNIOR IOT DEVELOPER

CONTACT

- **in** www.linkedin.com/in/bayoudhi/
- ✉ Firasbayoudhi@gmail.com
- 🌐 https://bayoudhi.vercel.app
- 📍 Av. Nouvelle 86, 1040 Etterbeek, Belgium

AREAS OF EXPERTISE

- PHP,Mern Stack,Web API experience.
- Python and C/C++
- Embedded Systems:microcontrollers, sensors, and actuators
- Protocols :MQTT, CoAP, HTTP, and WebSockets
- Networking: TCP/IP, UDP, DNS, and routing principles for IoT device connectivity.

EDUCATION

Master Engr&Sc in Applied Computer Science
Vrije Universiteit Brussel VUB

2023-present

Specializing in Internet of Things IoT

Bachelor Sc in Computer Systems Engineering
Sousse University
2020-2023

Specializing in Internet of Things IoT & Embedded systems

LANGUAGES

English **B2**

French **C1**

Italian **A2**

PROFILE

A Junior IoT (Internet of Things) developer with a strong background in computer science and electrical engineering. Proficient in Python, Java, and adept at creating and implementing connected devices and systems. Passionate about leveraging technology for innovative solutions to real-world challenges. Actively seeking opportunities to apply skills for meaningful contributions in IoT. Holder of a Bachelor's degree in Computer Systems Engineering from ISITCOM, known for analytical thinking and problem-solving abilities.

WORK EXPERIENCE

Junior IoT Developer

VIVIA   01/2023-present

Development of an End to End solution for parking management at Effia Belgium.

- *Design and development of a complete parking management solution for Effia Belgium, a subsidiary of the Keolis group, using an agile approach based on the Scrum method.*
- *Analysis of business needs and specification of functional and non-functional requirements.*
- *Development of the entire solution, including user interface, payment management, communication with access control systems and database.*
- *Rigorous testing of the solution, including functional, performance and security testing.*
- *Management of the development team and close coordination with the client to ensure on-time delivery, within budget and specifications.*

Fullstack Web Developer Intern

DRÄXLMAIER Group Tunisia   06/2022-07/2022

- Description: Web Based Application for object recognition
- Technologies: Flask, Bootstrap, Html, Css, JS database:Sqllite with SQLAlchemy as ORM

https://github.com/bayoudhif/web-based-application-object-detection