

Mohamed Yassine Chouket

[in LinkedIn](#) | [53906944](#) | [✉ medyassinechouket.2@gmail.com](mailto:medyassinechouket.2@gmail.com) | [GitHub](#)

Skills

- Programming Languages: Python, Java, SQL, HTML5, CSS, JavaScript, C++, C
- Developer Tools: Git, github, Linux ,Docker , Bash
- Libraries/Frameworks: PostgreSQL, mongodb, mysql, TensorFlow, pandas , numpy

projects

- **GitHub ETL Project**

Built a mini ETL (Extract, Transform, Load) pipeline using Python and Docker to extract public repositories from the GitHub API, process and transform the data, and load it into a PostgreSQL database for further analysis.

Technologies: Python, Docker, PostgreSQL, GitHub API

- **Spotify ETL Project**

Designed and implemented an ETL (Extract, Transform, Load) pipeline using Python and the Spotify API to collect streaming data, process it with Pandas, and load it into a PostgreSQL database. The workflow was containerized with Docker and fully automated using Apache Airflow.

Technologies: Python, Spotify API, Pandas, Docker, Airflow, PostgreSQL

- **Web Platform Development Project**

Created a platform connecting students with employers for remote tasks, offering students extra income and experience while enabling employers to find qualified candidates for short-term assignments. **Frontend:** HTML,CSS,JavaScrip , **backend:** Firebase

- **IoT Data Pipeline for Real-Time Monitoring and Machine Learning Integration**

Developed a real-time IoT environmental monitoring system using an ESP32 with a DHT sensor. Implemented secure Bluetooth-to-MQTT data transmission, orchestrated data flows with Node-RED, and stored time-series data in InfluxDB (Dockerized). Enabled real-time visualization and machine learning-based anomaly detection through a dynamic dashboard.

Technologies:

ESP32, DHT11/DHT22, Bluetooth, MQTT, TLS Encryption, Node-RED, InfluxDB, Docker, Python, Machine Learning (e.g., anomaly detection), Real-Time Dashboards, Time-Series Data, Edge Computing

Education

Preparatory Cycle -National Engineering School of Sousse

- Computer Science

Languages

- Arabic
- English
- French