Mohamed Rabii Chaker

DATA ENGINEER | DATA ARCHITECT | ETL DEVELOPPER

Prague, Czech Republic | +420 775534683 | chakerrabia9@gmail.com

LinkedIn | Github

Education

ISSAT Sousse, Masters in Software Engineering   **2022**

Major: Software Architecture | Minor: Big Data and warehouse design

- UML design, Middleware and Integration, Big Data, Data warehousing, Data system design

ISSAT Sousse, Engineering Prep Course   **2019**

Major: Mathematics | Minor: Computer Science

- Algebra, Calculus, Probability and Statistics, Algorithms, C, C++, Java, Operating Systems

Experience

Ataccama | Data Engineer   **8/2023 -- Present**

- Set up ETL deployment as code, using **Docker**, **Apache Airflow**, **DBT, AWS**, and **Snowflake**
- Orchestrate system integrations with **Python** and **Apache Airflow**
- Build **internal tooling** in the form of **Python** frameworks around **Apache Airflow**
- Set up **alerting, monitoring,** and **audits** to ensure data reliability and pipeline robustness
- Cut **licensing costs by 30%** using automation tools in license assignments

BornDigital | Software Engineer   **5/2022 – 5/2023**

- Develop Microservices in **Typescript** and **Python**
- Maintenance and extension of existing services using frameworks like **React, Flask, and Node**
- Deploy and monitor **Docker containerized** apps to **Openshift Kubernetes**
- Administrate **SQL** and **noSQL** databases like **Postgres** and **MongoDB**

AAK Tele-Science | Data Scientist   **10/2021 – 03/2022**

- Clean and process Data using **Python** and **data wrangling** libraries like **Pandas** and **Numpy**
- Merge multiple data sources and formats to **consolidate** and **build** a **Data Warehouse**

Skills

Technical Skills: Python, Scala, SQL, Bash, Apache Airflow, Apache Spark, Git, Snowflake, DBT, Linux, AWS, Docker, System Design, System Integration, Warehouse design, ETL, Automation, CDC

Soft Skills: Empathy, Communication, Critical Thinking, Problem Solving, Pitching

Languages:

- **Arabic:** Native
- **French**: Fluent
- **English**: Bilingual