Rita NTOLO

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Data engineer (Python, Azure)

Education et Certification

- Master's degree in computer science (2024), 3IL – Limoges, France
- Exchange semester Erasmus (2023), UTS – Sofia, Bulgaria
- **Microsoft Certified Azure Data Engineer Associate (DP-203)**

Skills

- Languages: **Python**, **SQL**, JavaScript, C, Bash, Java
- Cloud: **Azure, AWS**
- Data: **Airflow, ETL**, ELT, DBT
- Storage: **PostgreSQL, Azure Blob, MongoDB**
- Visualization: **Power Bi, Looker**

- Framework: **Hadoop, Django, Spring**, Maven
- DevOps: **GitHub, CI/CD**, Kafka
- Web: HTML, CSS, JS, WordPress
- Methodology: Scrum, Agile
- Soft skills: Dynamic, Autonomous, TeamWork

Relevant Work Experience

Airbus Atlantic, Saint-Nazaire (France)
Data Analyst   *Sept. 2022 – Present*

In the context of the '**Industrie du Futur**' project, Airbus Atlantic is developing solutions for the **robotization** and **digitization** of its industrial activities.

- **Implementation of ETL pipelines** and data migration from **Saas** (**Azure Synapse Analytics, Databricks, REST API, SAP**).
- Flow mapping - **process mining** of the panel production line - assessment of piece volume per workstation (**pm4py, Celonis**).
- **Prediction** of the average manufacturing time for aircraft components (**Machine Learning - pytorch, onnx, scikit-learn**).
- Construction of **BI dashboards** - **KPIs** for heat variation in the CAURALIS.
- Technical **tests** and compliance on **IaC** (**Azure DevOps**, Terraform).
- Adherence to **AGILE** principles and active participation in **SPRINT** meetings.
- Project **documentation**, work synthesis, and presentation.

Tellis, Favars (France)
Customer Service Agent   *Dec. 2021 – June 2022*

- **Analysis** and **cleaning** of databases (Sorting and consistency checks – Employer attestations).

Languages

- English (Native) 905/990 (TOEIC)
- French (Bilingual)
- German (A1)

Personal Projects

Udemy (Python Instructor)
- Series of **tests** on Python **fundamentals (data structure, functions and modules, file processing, etc.)**, providing learners with the opportunity to master the basics of the language.

Spotify ETL pipeline
(Airflow, APIs, MongoDB, Power BI)
- Implementation of an **ETL** pipeline from the Spotify API into **MongoDB**.
- Execution d'un **DAG** Airflow and data visualization with **POWER BI**.

Extracurricular Activities

Smart Install: Guidance of students in their internship and apprenticeship search process in the data engineering field.
Escales Solidaires Association: English tutoring and event coordination for middle school students.