

NICOLAS JACOB PERES

Cloud Data Engineer

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My profile : [Linkedin](#) | [Portfolio](#) | [Certifications](#) | [GitHub](#)

Cloud Data Engineer with solid expertise in **Azure** and **AWS**. Driven by designing high-performance data pipelines, optimising ETL processes and storage system architecture. **My goal**: to become an expert in cloud data architecture.

WORK EXPERIENCE

Cloud Data Engineer – Product Manager Data, *Airbus Atlantic, Toulouse (France)* **05/2025 - 11/2025**

- Provisioning data in **Azure** via **Big Data pipelines** on **Synapse (SQL/PySpark)**, with management of a reference **MDM** (SQL) and a **data warehouse** (creation of business views).
- Data referencing and monitoring: feeding the **Data Catalog** (DataGalaxy) and monitoring ingestions and MDM (Master Data Management) via **Power BI**.
- Interface between business teams and ABAP developers: management, testing and validation of **SAP** data extractions (via CHARM and Redmine) for production.

Data Engineer/Analyst for MAP A320, *Airbus Operations, Toulouse (France)* **09/2022 - 09/2024**

- Creation of a digital control room via **Qlik Sense** for real-time monitoring of production data with the aim of optimising performance.
- Centralisation and integration of data in **Skywise** (Palantir Foundry) with the design of automated data pipelines (**SQL, PySpark**) including **ETL** processes and **data lineage**.
- International** collaboration to guarantee data and process quality.

Data Analyst, *Airbus Defence & Space, Toulouse (France)* **08/2021 - 08/2022**

- Development and maintenance of a tool to centralise data from five different systems.
- Data ingestion via **Python** and Visual Planning REST API and creation of a unique reference system.
- Administrator management and writing of a user manual detailing the features.

EDUCATION

- Master MIAGE - Data Engineering and Protection course** **09/2022 - 09/2024**
University of Toulouse III - Paul Sabatier, France
- MIASHS bachelor's degree - MIAGE course** **09/2019 - 08/2022**
University of Toulouse III - Paul Sabatier, France
- Certificate of Initiation in Aeronautics**, Collège du Bois de la Barthe **09/2015 - 06/2016**

CERTIFICATION

- Databricks Certified Data Engineer Associate**, Databricks **03/2025**
- AWS Certified Solutions Architect – Associate**, AWS Training and Certification **01/2025**
- AWS Certified Cloud Practitioner**, AWS Training and Certification **10/2024**
- C2i Niveau 2 “Métiers de l'ingénieur”**, University of Toulouse III - Paul Sabatier **12/2023**

KEY SKILLS

- Engineering & Data Analysis**: **Azure Synapse**, **Databricks**, **Apache Spark**, **ETL**, Data Lineage, Pipelines, Modelling, Quality/Governance, BI (**Qlik Sense**, **Power BI**), Big Data (**Hadoop**), AI
- Databases**: **SQL**/NoSQL (Oracle, MySQL, PostgreSQL, MongoDB, Neo4j), PL/SQL
- Programming**: **Python**, **PySpark**, Java, TypeScript, PowerShell, C, VS Code
- Cloud & DevOps**: **Azure**, **AWS**, **Git/GitHub**, Docker, Confluence, **Linux**, Keycloak, **Agile Scrum**
- Languages**: French (native), **English** (advanced), Spanish (advanced)
- Soft skills**: Autonomous, Teamwork, Creative, Sense of responsibility, Adaptability