

Antoine Combaldieu

Junior Data Engineer – Big Data & Cloud

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Available from September 2026 – France and international

Profile

Engineering student specializing in Big Data & Machine Learning, with hands-on experience in data analysis, cloud automation, and business intelligence (SAP BW, MicroStrategy, Microsoft Fabric, Power BI). Strong interest in data engineering and cloud infrastructure, with personal projects deployed on Kubernetes.

Professional Experience

Current **Apprenticeship – Assistant Branch Manager, GRDF**

Management of operational data and process automation:

- Extraction, cleaning, and analysis of data from **SAP BW**, **MicroStrategy**, and **Microsoft Fabric**; BI reporting using SAP Webl, Power BI, and Excel (SQL, Power Query)
- Design and deployment of around ten automation workflows using **Power Automate**, **SharePoint**, and **Office Scripts (TypeScript)**, resulting in an estimated **~10 hours/week** time saving

Current **Part-time Sales Assistant, Wine Shop, Weekends**

Education

2021–2026 **Engineering Degree in Big Data & Machine Learning, Efrei Paris**
5-year engineering program in computer science.

2023 **Exchange Semester, APU Kuala Lumpur, Malaysia**

Certifications

2026 **Microsoft Certified: Azure Data Scientist Associate (DP-100)** – Microsoft

2025 **Microsoft Certified: Azure Fundamentals (AZ-900)** – Microsoft

Personal Projects

Data Engineering, ML & Cloud

- **Geometrics** – Event-driven microservices platform for analyzing company visibility in LLMs: automated question generation, inference using **HuggingFace**, multilingual translation via **LibreTranslate**, asynchronous orchestration with **NATS Jetstream**, **FastAPI** and **Gin** backends deployed on **Kubernetes** with Ory stack for authentication.
- **Medical imaging cancer diagnosis tool** (TensorFlow / deep learning)
- Data visualization and decision-support applications (Streamlit)
- Automated text enhancement service using the ChatGPT API

Technical Skills

Languages Python, SQL, JavaScript/TypeScript, Go, Bash

Data & ML Pandas, NumPy, scikit-learn, PyTorch, TensorFlow, Streamlit, Plotly

BI Power BI, Power Query, Microsoft Fabric, SAP BW, SAP Webl

Messaging Apache Kafka, NATS Jetstream

Backend FastAPI, Gin

Frontend Next.js

Infrastructure & DevOps Docker, Kubernetes, Helm, VMware, GitHub Actions, Git, Jujutsu

Languages

French Native (**Voltaire Certificate: 789**)

English Fluent (**TOEIC: 980**)

Spanish Intermediate

Student Activities

2024–2025 President of the Millésime Association (Oenology)

2023–2026 Member of the music association (guitar, piano, singing)