

Vincent Fraillon — vincent@fraillon.com

Data and AI engineer, 8+ years. From CNRS research to Theodo, then VP Engineering, now freelance. Game theory and music fuel my creativity beyond the terminal.

- 2025 **Automated financial reporting** at Cedrus & Partners
Python engine generating PowerPoint reports from Python engine generating PowerPoint reports from Power BI data for an asset allocation firm. 50+ client reports/month, fully automated.
- 2025 **Modern data stack for senior care KPIs** at Colisée
Financial reporting modernization for Europe's leading EHPAD group. Airbyte, Coalesce, Airflow, Power BI.
- 2024–25 ★ **GenAI for wealth advisory** at GAMBIT / BNP Paribas
Whisper + Mistral Large 2 pipeline for transcribing and summarizing client meetings. Modular containerized architecture on Azure K8s, deployed on-prem.
- 2024–25 **AI job market intelligence** at AFDAS
LLM solution auto-updating 70+ job descriptions, initially for telecom then expanded to culture, cinema and other verticals. LLM-as-judge for quality control. Deployed on Azure, <€3 per role.
- 2023–24 ★ **Supplier insights platform on top of Europe's biggest retail lake** at Carrefour Links
Built the data infrastructure and a supplier-facing dashboard for Carrefour Europe. 1B+ rows/day processed through dbt, BigQuery, Airflow. Automatic insights for e-commerce suppliers via semantic search.
- 2023 **Salary guarantee system overhaul** at Unédic / DUA
Rebuilt the IS for France's unemployment insurance. Star-schema data model, Docker multi-container microservices, GDPR-compliant. 100k+ companies covered.
- 2022–23 **Industrial anomaly detection** at Saint-Gobain
Real-time ML defect detection across 5 manufacturing sites. CNN + OpenCV pipeline, 10k anomalies/day. Python, C++, RTSP/TCP.
- 2017–20 **Neuromorphic vision R&D + teaching** at CNRS, Institut de la Vision
Biomimetic perception research with neuromorphic sensors. Online/hierarchical clustering for async data streams. 240h teaching AI, deep learning, C++, Java.
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What I work with

Python · Rust · C++ · SQL · Java · Azure · GCP · Terraform · Kubernetes · Docker · Snowflake · Databricks · BigQuery · dbt · Airflow · Spark · OpenAI · LLMs · Langchain · MLflow · TensorFlow · RAG · Looker · Power BI · Tableau · CI/CD · Microservices · Data Modeling · GDPR · uv · poetry

Certifications

Nvidia, Large-Scale RAG Pipelines, 2025
Google Cloud Professional Data Engineer, 2023
Snowflake SnowPro Core, 2022

Education

Msc. Engineering, Sorbonne, 2017
Univ. Pierre & Marie Curie, 2015