



JEAN BAPTISTE GIDROL

DATA ENGINEER / PYTHON DEVELOPER

+33 698192570

www.jbgidrol.com

jbgidrol@hotmail.fr

Paradeisou 8, flat 302
Larnaca 6052, Cyprus

PROFILE

Senior Data Engineer and Python Developer skilled in crafting optimized solutions for complex problems. Quick to onboard, facilitating communication, and focused on bringing immediate value to every project. Give me a problem and a scope, and I'll get to work.

WORK EXPERIENCE

Data Engineer/Scientist - Python Developer

RTBF

Brussels, Belgium

Since 03/2024

- **Deliver personalized recommendations** : for over **5 million** users across media types including news articles, VOD, podcasts, and live TV, spanning two websites.
- **Maintain over 100 microservices within the recommendation architecture** : ranging from batch, APIs to live microservices all Dockerized and deployed on Kubernetes.
- **Contributed to the development of an internal framework** : structured into a versioned Python library and distributed via CodeArtifact.
- **Developed a uniform logging system** : for all recommendation APIs to support operational use and ensure **compliance** with EU/Belgian laws.
- **Developed new algorithms and recommendation logic** : from building production-ready models to engineering **cost-efficient** caching for faster delivery

Data Engineer - Consultant

Amaris consulting

Brussels, Belgium

Since 01/2024

- **Data Platform Engineering & Architecture** : developed an internal Data Platform solution with a **lakehouse medallion architecture**, creating the end-user config builder interface from scratch. Engineering a DAG solution for lineage querying and building intricate features like user query validation.
- **Data Product Ownership & AI Integration** : GenAI augmented scrapper, scraping data from targeted website and efficient prompting to perform batch evaluation and **classification with LLM calls**

Junior Data Engineer

Pragaz

Lyon France 07/2022-12/2023

- **Developed cost efficient ETL pipelines** : from the accounting and fleet management system to a postgres hosted on AWS RDS
- **Developed and implemented interactive dashboards** : using Dash, leveraging years of delivery data to visualize client locations and extract valuable business insights. Hosted on AWS EC2, Dockerized and with a full CI/CD pipeline.

KEY PROJECTS

- **Video Enrichment Pipeline @RTBF**: Built a GenAI-powered pipeline for video transcription, summarization, and entity extraction using fully self-hosted LLMs.
- **Personalized Recommendation System @RTBF**: Designed and scaled a metadata-based recommender system serving 2M+ daily recos, integrated with cache-first delivery for frontend performance.
- **CMS Tag Suggestion Tool @RTBF**: Developed a GenAI feature integrated in the CMS to help journalists label articles with correct location and topic tags.
- **Live Sports Summarization R&D @Amaris**: Led AI-based R&D for BeinAsia, producing live summaries of sports broadcasts using multimodal signals.
- **Data Platform Accelerator @Amaris**: Engineered core components of a lakehouse-based internal data platform, including DAG lineage, query validation, and user-friendly config builder.
- **Full Data Lifecycle @Pragaz**: Built end-to-end pipelines from ingestion to BI dashboarding; automated web scraping for lead generation and deployed full CI/CD on AWS.

SKILLS

- Python
- Machine Learning
- Databricks
- Spark
- CI/CD
- Kafka
- Docker
- Problem-solving
- Kubernetes
- Git
- Rest APIs
- MLOPS
- SQL
- Graph DB - Neo4j

EDUCATION

OpenClassroom - CentraleSupélec

Master's in Data Science

2023-2024

OpenClassroom - ENSAE

Bachelor's in Data Analysis

2022-2023

University of Rennes 2

Bachelor's in Video editing

2014-2015

LANGUAGES

French, English : fluent

Chinese, Japanese : B1

REFERENCES

Benjamin Tardy

Senior Data Scientist at Bedrock Streaming

benjam.tardy@gmail.com

Recommendation letter :

Nicolas Pierre

Lead python developer at RTBF

nip@rtbf.be

HOBBIES

Game Development

Video editing

Baseball