



Romain Mathonat

Data Engineer

📍 Lyon

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🌐 <https://vulgairedev.fr/about>

🔄 <https://github.com/romathonat>

EXPERIENCE

present

01/2024



Michelin Lead Data Engineer

- Context:** Using driving behavioral data to make the road safer
- Data pipelines for behavioral driving data (~100B/month)
 - CI/CD improvement, leading to an increase of 40% performances
 - Python dependencies management modernisation
 - Formation of the team

Skills: Python, SQL, Snowflake, CI/CD, gitlab, Azure, Databricks, Grafana, Streamlit, snowpark

12/2023

10/2020



Infologic Data Engineer

- Context:** Creation and maintenance of the data warehouse
- MLOps Lead: Selected tools, workflows, and best practices for AI in production.
 - Monitoring: Implemented periodic and on-demand ETL processes.
 - Communication and vulgarization of different technical and scientific subjects

Skills: Python, SQL, Clickhouse, Elasticsearch, TDD, jupyter, FastAPI, poetry, grafana, CI, Git

09/2021

09/2017



Atos Data Engineer

- Context:** Worked with a startup on urban farming
- Data collect and storage for urban farming
 - Optimization algorithms for plant growth

Skills: Python, SQL, Linux, Git, Pytest, notebooks

EDUCATION

2012-2017

PhD in Data mining, INSA de Lyon

2012-2017

Engineering Degree, INSA de Lyon, Computer Science Department

Languages

Fluent in English, French native-speaker, Conversational in Spanish

REFERENCES (on demand)

- **Anes Bendimerad** (Datadog): Senior Software Engineer
- **Guillaume Kheng** (Michelin): Technical Leader
- **Christophe Boulard** (Atos): Innovation director
- **Jean-François Boulicaut** (INSA): Department director