



Olivier Manns.

Senior DataOps Engineer · Independent contractor @ ignitabl



● Freelance available

CONTACT

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DATA SKILLS

Apache Flink	90%
Snowflake	85%
Data Architecture	80%
ClickHouse	80%
Apache Spark	90%
Distributed Computing	80%
ETL & ELT	90%
Microservices	80%

CODING SKILLS

AWS	85%
Terraform	90%
Rust	80%
Python	90%
Claude Code	85%
SQL	95%
dbt	85%
Scala	75%

EDUCATION

2015

Industrial Engineer

ENSEEIH / ENSIACET · Specialization in renewable energy.

2012 – 2015

Industrial Engineer

ENSIACET · Process engineering, project management, industrialization.

PROFILE

I'm a data engineer who builds data platforms that hold up in production. For more than ten years I have designed pipelines, cloud infrastructure and distributed systems for companies in betting, retail, automotive and finance, from raw data all the way to the dashboards and models that depend on it.

EXPERIENCE



Senior DataOps Engineer · Betclic

2023 – Now

Industrialize and scale data services as part of a data platform:

- Design and implement the data architecture for a unified data platform relying on the data mesh principle. Implementation of the data services on AWS cloud.
- Manage both batch and streaming data using a combination of Apache Flink, Apache Airflow, dbt and Snowflake.
- Performance and cost optimization of highly used backend data services, mixing Rust and Python to get the best performance without giving up on machine learning capabilities.
- Close collaboration with the data scientists and analysts to add services relying on machine learning within Betclic's mobile app.

AWS · Flink · Kafka · Terraform · Snowflake · Rust · Python · Scala · Serverless · ELT · dbt · Airflow



Data Engineer · Clas Ohlson

2020 – 2023

Industrialize and scale a machine learning project for accurate discounts, item price management and customer loyalty improvement:

- Implement a production-ready environment, infrastructure as code, relying on a big data stack for scaling.
- 6+ data sources loaded on a daily basis, fully automated with tests and alerts, using a mix of Azure services & dbt to keep the cost low.
- Deployment of an orchestration tool (Prefect) to ease data pipelines and ML pipelines management.

Python · Azure · Azure Synapse · Azure Machine Learning · Azure DevOps · Azure Data Factory · Spark · dbt · SQL · Databricks · Terraform · Prefect



Big Data Engineer · Continental

2017 – 2020

Improve Continental's component lifespan thanks to vehicle data exploitation:

- Design and deployment of an entire scalable data pipeline, from data collection to analysis and interactive visualization.
- Fully implemented from scratch on AWS with Terraform.
- Machine learning model creation and tuning, feature engineering to improve physical models of engine behaviors and pollutant emissions.

Results: More than 20 pipelines and terabytes of structured data queried on a daily basis by 100+ automotive engineers. 2 patents, many models.

Spark · Kinesis · Lambda · EMR · AWS Data Pipeline · Athena · EC2 · ECS · S3 · RDS · Terraform · Python · scikit-learn · Spark ML · TensorFlow · Keras · Pandas · SciPy · Plotly

EARLIER EXPERIENCE

2017

Data Engineer · CGI – La Banque Postale

2016 – 2017

Data Engineer · CGI – Société Générale

2016 – 2017

Data Engineer · CGI – Thales

2015

Data Miner · CEA

2014

BI Engineer · University of Nevada, Las Vegas