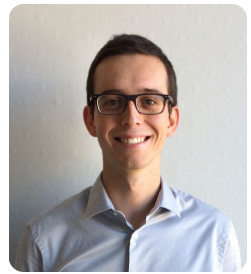




Baptiste Azéma

Senior Data Engineer



>_ Professional Experiences

Shadow - Data Engineer / DataOps | 2020 ▶ Current

Data - Tech Lead | Current

Worldwide data platform. Collect, structure and expose real time data for the company. Processing millions of event per seconds. Worldwide Clickhouse cluster, administration of Kafka clusters, APIs receiving data, scrappers. Deploy Machine learning models at scale with ML Engineers.

Kafka - Clickhouse - InfluxDB - Faust - FastAPI - Kubernetes
Metabase - Grafana
Python - SQL - Docker - Ansible - Gitlab - GCP

Renault Digital - Data Engineer | 2018 ▶ 2020

Datamart and AI - Tech Lead | 2 years

Creation of a datamart and a scalable environment for ML models (3 machine learning models deployed to production). Deployment of a Web application on Kubernetes. Creation and maintenance of data pipelines to extract, transform and load data. Infrastructure as Code with Terraform.

GCP - BigQuery - Composer - PubSub - Scikit-learn - Spark - Kubernetes - AutoML
Gitlab - Docker - Terraform - Python - SQL - DevOps - Scrum

Data replication on-premise to GCP | 3 months

Daily replication of 50 Hive databases (Hadoop) to BigQuery (GCP), in production for 18 months.

Hadoop - GCP - Spark - Oozie - Composer - Gitlab - Terraform - Python

Sopra Steria - Data Engineer | 2016 ▶ 2018

Air France | 1 year 2 months

Near real-time platform providing advanced analytics and machine learning predictions to help front line improving operational performance. Deploy and maintain 2 ML models in production providing real-time predictions.

SparkStreaming - SparkML - Kafka - MongoDB - Hadoop - BitBucket - Java - Kanban

Airbus | 6 months

MapReduce application used to process and analyse flight test data (high volumetry) MapReduce - Hadoop - HBase - Apache Phoenix - Java - C# - Scrum

Misc

Apache Spark trainer - 2 days training, provided 4 times for external and internal audience

AI/sentiment analysis - collect and analyse data from web social media during European Championship 2016 - deployed to IMB Cloud Bluemix



Baptiste Azéma

Senior Data Engineer



Education - Certifications

Udacity - Machine Learning Engineer Nanodegree | 2020

Machine Learning Engineer Nanodegree — [CREDENTIALS](#)

Learn advanced machine learning techniques and algorithms and how to package and deploy your models to a production environment.

Google Cloud Platform - Professional Data Engineer | 2019


Certified Professional Data Engineer on Google Cloud Platform — [CREDENTIALS](#)

Design data processing systems, build and operationalize data processing systems, operationalize machine learning models, ensure solution quality.

ICAM - Engineering Degree | 2011 ▶ 2016

Institut Catholique des Arts et Métiers, Toulouse

Master's degree - General engineer training based on technical, scientific and human improvement.

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