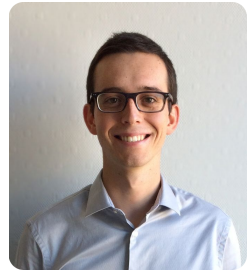




# Baptiste Azéma

## Senior Data Engineer



## >\_ Professional Experiences

### # Blade-Shadow - Data Engineer / DevOps | 2020 ▶ Current

#### Data Warehouse - Tech Lead | Current

Worldwide data platform. Collect, structure and serve real time data for the company. Processing millions of event per seconds. Worldwide Clickhouse cluster, administration of 10 Kafka clusters, APIs receiving data, scrappers.

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



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## 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 | 2019


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

The Professional Data Engineer exam assesses your ability to:

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 in General Engineering

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