Shervin **Velez Montoya**

FREELANCE DATA ENGINEER

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Sommaire

Passionate about Data, I use the skills I've acquired over the years as a Data Engineer to design, build and deploy highly scalable, robust and flexible data pipelines on cloud architectures. Experience of working with local and international teams in the fields of research, marketing, energy, finance, automotive, logistics and healthcare.

Experience

Eviden
Pessac, France

FREELANCE DATA ENGINEER — *September 2023 - present*

- Freelance Data Engineer work for Sanofi.
- Maintenance of the batch genealogy data product, in Spark Scala and GraphQL.
- Migration of pipelines and datalake to dbt and Snowflake.
- Amazon Web Services / Snowflake Stack.

DataFret
Bordeaux, France

LEAD DATA ENGINEER — *April 2023 - September 2023*

- Migration of the DataFret SAS application from a local to a cloud version.
- Development of new features and implementation of the cloud architecture.

Thélio
Bègles, France

TECH LEAD DATA ENGINEER CONSULTANT / VOLVO TRUCKS — *August 2022 - March 2023*

- Databricks Lead for two teams of data engineers and data analysts, for a KPI reporting project.
- Monitoring and technical incident management, team support and knowledge sharing sessions.
- Implemented a new architecture to simplify the team's work and resolve existing pain points.
- International environment, communication in English.
- Microsoft Azure Stack.

DATA ENGINEER CONSULTANT / VOLVO TRUCKS — *February 2022 - July 2022*

- Development of an ETL pipeline and a REST API to supply predictive maintenance data to a dashboard for Volvo Trucks customers.
- More than 10x improvement in the performance of the existing API after reimplementation of the data architecture.
- International environment, communication in English.
- Microsoft Azure Stack.

DATA ENGINEER CONSULTANT / LA BANQUE POSTALE — *April 2021 - January 2022*

- Integration in the data squad, with handling of a multitude of different tasks, from maintenance to the creation of new ETL pipelines.
- Cloudera on-premise Stack.

DATA ENGINEER CONSULTANT / VALEMO — *February 2021 - April 2021*

- Development of multiple ETL pipelines with Databricks.
- Microsoft Azure Stack.

DATA ENGINEER CONSULTANT / 3W RÉGIE (CDISCOUNT ADVERTISING) — *February 2021 - March 2021*

- Parsing and cleaning of marketing data for storage in BigQuery.
- Supplier API scraping for daily updates in BigQuery.
- Google Cloud Platform Stack with real-time data.

LaBRI, University of Bordeaux
Talence, France

RESEARCH ENGINEER — *October 2018 - February 2021*

- Management of a Big Data and Machine Learning research projects.
- Development of a data pipeline to collect data from temperature and presence sensors within the university.
- Development of a neural network for research into time series prediction .
- HortonWorks/Cloudera on-premise Stack.

Education

Bordeaux University   *Talence, France*
MASTER IN COMPUTER SCIENCE   *2016 - 2018*
• Software Engineering specialisation

Bordeaux University   *Talence, France*
L3 IN COMPUTER SCIENCE   *2015 - 2016*

Bordeaux IUT   *Talence, France*
DUT IN COMPUTER SCIENCE   *2013 - 2015*

Skills

Data	Databricks, Spark, Kafka, Microsoft Azure, AWS, GCP
Programming Languages	Python, Scala, Java, SQL, TypeScript, NodeJS, C++
Databases	Delta Lake, Hive, NoSQL, MS SQL, PostgreSQL
Project Management & Continuous Integration	Scrum, Kanban, Git, Docker, Jenkins, Infrastrucutre as Code
Languages	French, English (fluent), Spanish (fluent)

Certifications

09/2022 **Databricks Certified Associate Developer for Apache Spark 3.0**, 🔗 58876825

11/2022 **Microsoft Certified: Azure Data Engineer Associate**, 🔗 I489-7610