

Tristan Tribes

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SUMMARY

Data engineer with 3 years of industry experience in the banking sector. I've helped banks streamline their processes, accelerate deployment implementing more rigorous testing, scale up their data flow with Apache Spark and Scala, and migrate to a new infrastructure with Snowflake. Fluent in English and French, I look forward to a stimulating environment.

EXPERIENCE

Data Engineer

Feb 2023 - July 2026

Société Générale @ CGI

- Managed applications handling hundreds of millions of rows with Apache Spark, Hadoop, Hive SQL and Scala.
- Implemented integration testing from scratch to speed up product deployment by 10 times and improve data quality.
- Migrated 15 applications to Snowflake from Apache Spark.

EDUCATION

Faculty of science of Montpellier

Sept 2018 - Jun 2023

Master of Computer Science in Artificial Intelligence and Data Science. Focused on programming and research, with courses like Algorithms, Natural Language Processing, Machine Learning, Data Warehouse and Semantic Reasoning.

PERSONAL PROJECT

Lost My Pieces

Web application to help learning japanese kanjis. Featuring a graph database, a React frontend and a Node.JS backend, it was also featured on a paper as part of the conference ICSS 2022 "Using graphs to represent Japanese words for serious games". The application is currently prod ready, deployable through Docker with Terraform.

TECHNICAL SKILLS

- Backend - Scala, Python, Spark, Snowpark, Hadoop, Docker, Terraform
- Databases - SQL, Hive, Snowflake, Neo4j, MongoDB
- Frontend - React, Javascript, Tailwind

LANGUAGES

- **French** - Native level
- **English** - Business level (C1)
- **Spanish** - Intermediate level (B2)
- **Japanese** - Beginner