Chloé Bergeron-Musa

Data Engineer II | Data Engineer

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PROFESSIONAL SUMMARY

Data engineer with six years building batch and streaming pipelines for retail and fintech companies. Designs lakehouse tables in Databricks, models warehouse layers in dbt and runs Kafka-based ingestion with change data capture. Focused on reliable, documented data products and on keeping warehouse and cluster costs in check.

PROFESSIONAL EXPERIENCE

Data Engineer II *Apr 2023 — Present*

Maplefield Financial Technologies · Toronto, ON

- Built change data capture pipelines from 12 production databases into Delta Lake using Debezium and Kafka, bringing transaction data freshness from daily to under five minutes.
- Designed dimensional models in dbt for payments and customer data, used by finance, risk and product analysts for regulatory and business reporting.
- Cut Databricks compute spend by about a third by rightsizing clusters, adding job-level autoscaling and rewriting the heaviest PySpark joins.
- Set up data quality checks and freshness alerts on critical tables, reducing incidents where reports went out with missing data.

Data Engineer *Jun 2020 — Mar 2023*

Lakeshore Home and Garden · Mississauga, ON

- Migrated nightly on-premise SQL Server jobs to Azure Data Factory and Synapse, removing failed overnight loads that delayed store sales reports.
- Built an inventory feed for the replenishment team that combined point-of-sale and warehouse data into one daily table.
- Wrote documentation and onboarding guides for the data platform, helping analysts self-serve instead of filing requests.

EDUCATION

BSc, Computer Science — Northern Lakes University *2020*

SKILLS

Technical: Python, SQL, PySpark, Databricks, Delta Lake, Kafka, Debezium CDC, dbt, Airflow, Azure, Terraform, Data modeling, Data quality monitoring

Certifications: Databricks Certified Data Engineer Professional