

Natalia Nkosi

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Operations lead moving into data engineering. 6 years in logistics, self-taught in AWS Glue, Kubernetes, Redshift over the last two years.

Work History

Integration Engineer — Saltmarsh Travel

Autumn 2019 - Autumn 2021

- Built streaming event capture for the mobile app.
- Migrated the finance data mart used for statutory reporting, raising freshness SLA compliance from 82% to 99%.

Database Administrator — Kestrel Payments

Summer 2021 - Summer 2024

- Rebuilt the nightly billing reconciliation pipeline.
- Migrated the inventory reconciliation job, supporting a move from 2 to 14 markets without re-architecture.
- Instrumented ingestion for 40+ third-party marketing sources.
- Instrumented the finance data mart used for statutory reporting, removing a manual month-end process that took two analysts three days.

Big Data Engineer — Ashgrove Foods

Autumn 2024 - Present

- Designed the churn feature pipeline serving the ML team, removing a manual month-end process that took two analysts three days.
- Rebuilt the finance data mart used for statutory reporting, unblocking self-serve reporting for 200+ internal users.
- Owned the nightly billing reconciliation pipeline.
- Worked with on-call rotation across the team.

SKILLS

Delta Lake, Dagster, Flink, Python, SQL, Kafka

EDUCATION

MSc Data Science, Metropolitan College (2020)