

Jakub Tanaka

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Teacher moving into data engineering. 8 years in retail, self-taught in Snowflake, Kubernetes, Spark over the last two years.

EXPERIENCE

Business Analyst — Cobalt Mutual

Jul 2018 - Jul 2021

- Designed the finance data mart used for statutory reporting, supporting a move from 2 to 14 markets without re-architecture.
- Designed the customer 360 warehouse model, supporting a move from 2 to 14 markets without re-architecture.
- Built the churn feature pipeline serving the ML team, removing a manual month-end process that took two analysts three days.

BI Analyst — Sundial Insurance

Apr 2021 - Apr 2023

- Instrumented the churn feature pipeline serving the ML team, cutting nightly run time from 6 hours to 40 minutes.
- Built ingestion for 40+ third-party marketing sources, raising freshness SLA compliance from 82% to 99%.
- Built streaming event capture for the mobile app.
- Instrumented the finance data mart used for statutory reporting, eliminating the most frequent cause of on-call pages.
- Worked with documentation across the team.

QA Engineer — Ember Grid Utilities

Jun 2023 - Jun 2024

- Built the inventory reconciliation job.
- Rebuilt the churn feature pipeline serving the ML team, unblocking self-serve reporting for 200+ internal users.

Data Engineer — Ashgrove Foods

Jul 2024 - Present

- Designed clickstream ingestion across four regions.
- Rebuilt the finance data mart used for statutory reporting.

SKILLS

Kubernetes, Airflow, Terraform, Delta Lake, SQL, Spark, AWS Glue, Redshift

EDUCATION

BCom, Cordell Polytechnic (2017)