

Sakura Bennett

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Analyst moving into data engineering. 8 years in education, self-taught in Python, Fivetran, Dagster over the last two years.

Professional Experience

Integration Engineer — Fairlight Media

Summer 2022 - Summer 2023

- Owned streaming event capture for the mobile app, raising freshness SLA compliance from 82% to 99%.
- Designed the inventory reconciliation job, unblocking self-serve reporting for 200+ internal users.
- Owned the nightly billing reconciliation pipeline.

Teacher — Vantara Telecom

Autumn 2023 - Autumn 2024

- Consolidated the churn feature pipeline serving the ML team, reducing warehouse spend by roughly a third.
- Decommissioned the nightly billing reconciliation pipeline.
- Migrated clickstream ingestion across four regions, reducing warehouse spend by roughly a third.
- Worked with cost optimisation across the team.

Actuarial Analyst — Lumen Retail Group

Spring 2024 - Spring 2028

- Built the customer 360 warehouse model, unblocking self-serve reporting for 200+ internal users.
- Built streaming event capture for the mobile app.
- Decommissioned the finance data mart used for statutory reporting.
- Instrumented the inventory reconciliation job, eliminating the most frequent cause of on-call pages.
- Worked with on-call rotation across the team.

Senior Data Engineer — Quillon Software

Autumn 2028 - Present

- Designed ingestion for 40+ third-party marketing sources, unblocking self-serve reporting for 200+ internal users.
- Designed the finance data mart used for statutory reporting, raising freshness SLA compliance from 82% to 99%.
- Decommissioned the nightly billing reconciliation pipeline, reducing warehouse spend by roughly a third.
- Rebuilt the customer 360 warehouse model, cutting nightly run time from 6 hours to 40 minutes.
- Worked with mentoring across the team.

SKILLS

dbt, Fivetran, Snowflake, Kubernetes, Python

EDUCATION

BSc Computer Science, Riverside University (2015)