

Thabo Wu

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Where I've Been

Data Platform Engineer — Greyhart Consulting (client: Lumen Retail Group)

02/2017 - 02/2018

- Designed clickstream ingestion across four regions, removing a manual month-end process that took two analysts three days.
- Instrumented the nightly billing reconciliation pipeline, raising freshness SLA compliance from 82% to 99%.
- Decommissioned the churn feature pipeline serving the ML team, unblocking self-serve reporting for 200+ internal users.
- Instrumented streaming event capture for the mobile app.

BI Developer — Fivepoint Digital (client: Cobalt Mutual)

10/2018 - 10/2019

- Designed streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.
- Migrated the churn feature pipeline serving the ML team, reducing warehouse spend by roughly a third.

Data Warehouse Engineer — Blackthorn Associates (client: Lumen Retail Group)

06/2019 - 06/2020

- Rebuilt the nightly billing reconciliation pipeline, reducing warehouse spend by roughly a third.
- Consolidated ingestion for 40+ third-party marketing sources.
- Consolidated the finance data mart used for statutory reporting.
- Worked with on-call rotation across the team.

Data Engineer — Larkspur Partners (client: Sundial Insurance)

12/2020 - 12/2021

- Migrated ingestion for 40+ third-party marketing sources, supporting a move from 2 to 14 markets without re-architecture.
- Consolidated the churn feature pipeline serving the ML team, eliminating the most frequent cause of on-call pages.

BI Developer — Blackthorn Associates (client: Quillon Software)

07/2021 - 07/2022

- Rebuilt streaming event capture for the mobile app.
- Built ingestion for 40+ third-party marketing sources, cutting nightly run time from 6 hours to 40 minutes.

Big Data Engineer — Independent (concurrent engagement)

07/2021 - 07/2022

- Part-time engagement running alongside the role above.
- Designed the customer 360 warehouse model.

Data Engineer — Fivepoint Digital (client: Ninefold Systems)

07/2022 - Present

- Instrumented the customer 360 warehouse model, cutting nightly run time from 6 hours to 40 minutes.
- Owned clickstream ingestion across four regions, unblocking self-serve reporting for 200+ internal users.
- Built the inventory reconciliation job.
- Consolidated the finance data mart used for statutory reporting.

PROJECTS

Side project: Decommissioned the nightly billing reconciliation pipeline using Dagster and Postgres.

SKILLS

Fivetran, Airflow, Flink, Kafka, Airbyte, dbt, BigQuery, SQL

EDUCATION