

Takeshi Zhou

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Data engineer with 9 years building and running production pipelines.

Work History

ETL Developer — Vantara Telecom

12/2020 - 12/2022

- Built the customer 360 warehouse model.
- Owned the inventory reconciliation job.

BI Developer — Fairlight Media

07/2022 - 07/2023

- Owned the customer 360 warehouse model, removing a manual month-end process that took two analysts three days.
- Owned ingestion for 40+ third-party marketing sources, cutting nightly run time from 6 hours to 40 minutes.
- Instrumented streaming event capture for the mobile app, cutting nightly run time from 6 hours to 40 minutes.
- Instrumented the nightly billing reconciliation pipeline, cutting nightly run time from 6 hours to 40 minutes.
- Worked with documentation across the team.

Analytics Engineer — Ashgrove Foods

01/2023 - 01/2026

- Migrated clickstream ingestion across four regions, removing a manual month-end process that took two analysts three days.
- Built the churn feature pipeline serving the ML team, reducing warehouse spend by roughly a third.
- Instrumented streaming event capture for the mobile app, reducing warehouse spend by roughly a third.

Big Data Engineer — Tessellate Labs

10/2026 - Present

- Built clickstream ingestion across four regions, cutting nightly run time from 6 hours to 40 minutes.
- Rebuilt ingestion for 40+ third-party marketing sources, removing a manual month-end process that took two analysts three days.
- Owned streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.
- Rebuilt the customer 360 warehouse model.

SKILLS

Databricks, Dagster, SQL, Kubernetes, Flink, Spark

EDUCATION

BSc Computer Science, Eastgate University (2014)