

Takeshi Castillo

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Data engineer with 8 years building and running production pipelines.

EXPERIENCE

Senior Data Engineer — Verdant Agritech

Jul'15 - Jul'17

- Built the finance data mart used for statutory reporting, raising freshness SLA compliance from 82% to 99%.
- Designed the churn feature pipeline serving the ML team.
- Decommissioned the customer 360 warehouse model.
- Designed the nightly billing reconciliation pipeline, removing a manual month-end process that took two analysts three days.
- Worked with data governance across the team.

Senior Data Engineer — Pinnacle Rail

Nov'17 - Nov'18

- Rebuilt the nightly billing reconciliation pipeline, reducing warehouse spend by roughly a third.
- Designed the finance data mart used for statutory reporting, supporting a move from 2 to 14 markets without re-architecture.
- Built streaming event capture for the mobile app, reducing warehouse spend by roughly a third.

BI Developer — Greyhart Consulting

Mar'18 - Mar'21

- Designed the customer 360 warehouse model.
- Instrumented the nightly billing reconciliation pipeline.
- Migrated the finance data mart used for statutory reporting, supporting a move from 2 to 14 markets without re-architecture.

Data Engineer — Harbourpoint Freight

Dec'21 - Present

- Designed streaming event capture for the mobile app, removing a manual month-end process that took two analysts three days.
- Consolidated the inventory reconciliation job, unblocking self-serve reporting for 200+ internal users.
- Designed the finance data mart used for statutory reporting, eliminating the most frequent cause of on-call pages.

PROJECTS

Side project: Owned the nightly billing reconciliation pipeline using Airflow and BigQuery.

SKILLS

Flink, Python, SQL, Airbyte, Kubernetes