

Amelia Zhang

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Data engineer with 5 years building and running production pipelines.

Where I've Been

Analytics Engineer — Pelagic Shipping

03/2015 - 03/2016

- Rebuilt the finance data mart used for statutory reporting, removing a manual month-end process that took two analysts three days.
- Designed the inventory reconciliation job.

Senior Data Engineer — Kestrel Payments

04/2016 - 04/2017

- Migrated the churn feature pipeline serving the ML team, supporting a move from 2 to 14 markets without re-architecture.
- Rebuilt ingestion for 40+ third-party marketing sources, raising freshness SLA compliance from 82% to 99%.
- Built the nightly billing reconciliation pipeline, eliminating the most frequent cause of on-call pages.
- Migrated the finance data mart used for statutory reporting.
- Worked with stakeholder management across the team.

Senior Data Engineer — Cobalt Mutual

04/2017 - Present

- Instrumented the finance data mart used for statutory reporting.
- Built clickstream ingestion across four regions, cutting nightly run time from 6 hours to 40 minutes.
- Consolidated the nightly billing reconciliation pipeline, unblocking self-serve reporting for 200+ internal users.
- Migrated streaming event capture for the mobile app, raising freshness SLA compliance from 82% to 99%.

SKILLS

Airbyte, Dagster, SQL

EDUCATION

BEng Information Technology, National Institute of Engineering (2021)