

Ming Harper

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Data engineer with 13 years building and running production pipelines.

Work History

Big Data Engineer — Fairlight Media

2006-12 - 2010-12

- Migrated the nightly billing reconciliation pipeline, eliminating the most frequent cause of on-call pages.
- Designed the inventory reconciliation job, eliminating the most frequent cause of on-call pages.
- Owned clickstream ingestion across four regions, supporting a move from 2 to 14 markets without re-architecture.
- Consolidated streaming event capture for the mobile app, unblocking self-serve reporting for 200+ internal users.

Senior Data Engineer — Sablefish Data

2010-08 - 2011-08

- Decommissioned the inventory reconciliation job.
- Instrumented the nightly billing reconciliation pipeline, supporting a move from 2 to 14 markets without re-architecture.
- Consolidated ingestion for 40+ third-party marketing sources, unblocking self-serve reporting for 200+ internal users.

Data Warehouse Engineer — Orchard Health

2011-03 - 2013-03

- Rebuilt the churn feature pipeline serving the ML team.
- Rebuilt streaming event capture for the mobile app.
- Designed the nightly billing reconciliation pipeline, cutting nightly run time from 6 hours to 40 minutes.

Data Platform Engineer — Ninefold Systems

2013-12 - 2015-12

- Migrated the inventory reconciliation job.
- Built clickstream ingestion across four regions.
- Decommissioned the churn feature pipeline serving the ML team.
- Decommissioned the nightly billing reconciliation pipeline.

Data Platform Engineer — Tinderbox Games

2015-06 - Present

- Migrated ingestion for 40+ third-party marketing sources, unblocking self-serve reporting for 200+ internal users.
- Built the inventory reconciliation job, reducing warehouse spend by roughly a third.

PROJECTS

Volunteer work: Designed clickstream ingestion across four regions using Airflow and BigQuery, eliminating the most frequent cause of on-call pages.

SKILLS

Python, Airbyte, Databricks