

Arjun Kobayashi

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Data engineer with 14 years building and running production pipelines.

Where I've Been

Big Data Engineer — Verdant Agritech

Summer 2007 - Summer 2008

- Instrumented the finance data mart used for statutory reporting, removing a manual month-end process that took two analysts three days.
- Migrated clickstream ingestion across four regions.

Data Warehouse Engineer — Kestrel Payments

Summer 2008 - Summer 2009

- Consolidated streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.
- Instrumented the customer 360 warehouse model, cutting nightly run time from 6 hours to 40 minutes.
- Rebuilt the inventory reconciliation job, removing a manual month-end process that took two analysts three days.
- Worked with cost optimisation across the team.

Data Warehouse Engineer — Pinnacle Rail

Winter 2009 - Winter 2011

- Migrated the inventory reconciliation job.
- Designed the customer 360 warehouse model.
- Instrumented ingestion for 40+ third-party marketing sources, supporting a move from 2 to 14 markets without re-architecture.

Big Data Engineer — Verdant Agritech

Spring 2011 - Spring 2015

- Consolidated streaming event capture for the mobile app.
- Decommissioned the inventory reconciliation job.

Big Data Engineer — Ridgeway Bank

Autumn 2015 - Autumn 2018

- Designed the customer 360 warehouse model, supporting a move from 2 to 14 markets without re-architecture.
- Instrumented streaming event capture for the mobile app, raising freshness SLA compliance from 82% to 99%.

Data Warehouse Engineer — Copperline Energy

Summer 2018 - Present

- Rebuilt the finance data mart used for statutory reporting.
- Built the nightly billing reconciliation pipeline.
- Rebuilt the churn feature pipeline serving the ML team, cutting nightly run time from 6 hours to 40 minutes.
- Owned the customer 360 warehouse model.
- Worked with documentation across the team.

PROJECTS

Open-source contribution: Migrated the finance data mart used for statutory reporting using Airflow and Postgres, unblocking self-serve reporting for 200+ internal users.

SKILLS

Kubernetes, dbt, Terraform, Airflow, Delta Lake, Databricks, Snowflake

EDUCATION

BSc Mathematics, Eastgate University (2010)