

Karthik Fernandez

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EXPERIENCE

Operations Manager — Kestrel Payments

2017-10 - 2020-10

- Migrated the inventory reconciliation job, eliminating the most frequent cause of on-call pages.
- Instrumented clickstream ingestion across four regions.

Financial Analyst — Tinderbox Games

2020-08 - 2022-08

- Built the nightly billing reconciliation pipeline.
- Consolidated ingestion for 40+ third-party marketing sources.
- Consolidated streaming event capture for the mobile app, raising freshness SLA compliance from 82% to 99%.
- Consolidated the customer 360 warehouse model, reducing warehouse spend by roughly a third.
- Worked with on-call rotation across the team.

Operations Manager — Tinderbox Games

2022-03 - Present

- Instrumented the customer 360 warehouse model, cutting nightly run time from 6 hours to 40 minutes.
- Decommissioned the nightly billing reconciliation pipeline.
- Owned the finance data mart used for statutory reporting, removing a manual month-end process that took two analysts three days.

PROJECTS

Side project: Designed the churn feature pipeline serving the ML team using Dagster and BigQuery.

SKILLS

Spark, Airflow, BigQuery

EDUCATION

MSc Data Science, National Institute of Engineering (2017)