

Karthik Aziz

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Experience

Analytics Engineer — Greyhart Consulting (client: Cobalt Mutual)

Jun'18 - Jun'19

- Migrated ingestion for 40+ third-party marketing sources, raising freshness SLA compliance from 82% to 99%.
- Built the inventory reconciliation job.
- Decommissioned the churn feature pipeline serving the ML team.

Data Engineer — Greyhart Consulting (client: Kestrel Payments)

Sep'19 - Sep'20

- Owned the customer 360 warehouse model, raising freshness SLA compliance from 82% to 99%.
- Migrated the nightly billing reconciliation pipeline.
- Worked with cost optimisation across the team.

Analytics Engineer — Fivepoint Digital (client: Saltmarsh Travel)

Sep'20 - Sep'21

- Migrated the customer 360 warehouse model, removing a manual month-end process that took two analysts three days.
- Owned clickstream ingestion across four regions.
- Decommissioned ingestion for 40+ third-party marketing sources.
- Decommissioned the finance data mart used for statutory reporting, raising freshness SLA compliance from 82% to 99%.

Data Engineer — Fivepoint Digital (client: Pinnacle Rail)

Jun'21 - Jun'22

- Rebuilt the inventory reconciliation job, unblocking self-serve reporting for 200+ internal users.
- Built the finance data mart used for statutory reporting.
- Rebuilt ingestion for 40+ third-party marketing sources.
- Consolidated streaming event capture for the mobile app, cutting nightly run time from 6 hours to 40 minutes.
- Worked with documentation across the team.

Analytics Engineer — Meridian Contracting (client: Pinnacle Rail)

May'22 - May'23

- Owned the inventory reconciliation job.
- Rebuilt streaming event capture for the mobile app, eliminating the most frequent cause of on-call pages.

Senior Data Engineer — Blackthorn Associates (client: Waypoint Mobility)

Feb'23 - Feb'24

- Decommissioned clickstream ingestion across four regions, cutting nightly run time from 6 hours to 40 minutes.
- Decommissioned the churn feature pipeline serving the ML team.
- Designed ingestion for 40+ third-party marketing sources, raising freshness SLA compliance from 82% to 99%.
- Owned streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.

Data Engineer — Greyhart Consulting (client: Kestrel Payments)

Jul'24 - Jul'25

- Migrated ingestion for 40+ third-party marketing sources, cutting nightly run time from 6 hours to 40 minutes.
- Built the churn feature pipeline serving the ML team.
- Migrated the inventory reconciliation job, reducing warehouse spend by roughly a third.
- Instrumented clickstream ingestion across four regions, reducing warehouse spend by roughly a third.

Data Engineer — Independent (concurrent engagement)

Jul'24 - Jul'25

- Part-time engagement running alongside the role above.
- Designed streaming event capture for the mobile app.

Data Warehouse Engineer — Meridian Contracting (client: Pelagic Shipping)

Apr'25 - Present

- Consolidated clickstream ingestion across four regions, removing a manual month-end process that took two analysts three days.
- Instrumented ingestion for 40+ third-party marketing sources, cutting nightly run time from 6 hours to 40 minutes.
- Instrumented the churn feature pipeline serving the ML team, supporting a move from 2 to 14 markets without re-architecture.
- Designed the customer 360 warehouse model.

SKILLS

Python, SQL, Kafka, Flink

EDUCATION

BEng Information Technology, Northern Institute of Technology (2015)