

Ngozi Nair

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Data engineer with 7 years building and running production pipelines.

Where I've Been

BI Developer — Blackthorn Associates (client: Harbourpoint Freight)

04/2020 - 04/2021

- Rebuilt the customer 360 warehouse model.
- Instrumented streaming event capture for the mobile app, unblocking self-serve reporting for 200+ internal users.
- Built clickstream ingestion across four regions, raising freshness SLA compliance from 82% to 99%.
- Worked with cost optimisation across the team.

Data Warehouse Engineer — Greyhart Consulting (client: Bramble Analytics)

05/2021 - 05/2022

- Built clickstream ingestion across four regions, cutting nightly run time from 6 hours to 40 minutes.
- Owned the churn feature pipeline serving the ML team, raising freshness SLA compliance from 82% to 99%.

Big Data Engineer — Blackthorn Associates (client: Northwind Logistics)

06/2022 - 06/2023

- Rebuilt the inventory reconciliation job, supporting a move from 2 to 14 markets without re-architecture.
- Built ingestion for 40+ third-party marketing sources, removing a manual month-end process that took two analysts three days.
- Consolidated the customer 360 warehouse model, removing a manual month-end process that took two analysts three days.
- Worked with on-call rotation across the team.

Data Platform Engineer — Blackthorn Associates (client: Pelagic Shipping)

10/2023 - 10/2024

- Instrumented streaming event capture for the mobile app.
- Owned clickstream ingestion across four regions.
- Consolidated the nightly billing reconciliation pipeline, eliminating the most frequent cause of on-call pages.
- Instrumented the inventory reconciliation job.

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

05/2024 - 05/2025

- Designed clickstream ingestion across four regions, reducing warehouse spend by roughly a third.
- Consolidated streaming event capture for the mobile app.
- Built the finance data mart used for statutory reporting, cutting nightly run time from 6 hours to 40 minutes.

Big Data Engineer — Larkspur Partners (client: Marrow & Finch)

02/2025 - 02/2026

- Migrated clickstream ingestion across four regions, eliminating the most frequent cause of on-call pages.
- Instrumented the customer 360 warehouse model, removing a manual month-end process that took two analysts three days.
- Worked with cost optimisation across the team.

Data Warehouse Engineer — Independent (concurrent engagement)

02/2025 - 02/2026

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

Big Data Engineer — Larkspur Partners (client: Pinnacle Rail)

11/2026 - Present

- Migrated the nightly billing reconciliation pipeline.
- Migrated streaming event capture for the mobile app.
- Decommissioned the inventory reconciliation job, supporting a move from 2 to 14 markets without re-architecture.

PROJECTS

Capstone project: Instrumented the churn feature pipeline serving the ML team using Dagster and Postgres.

SKILLS

SQL, AWS Glue, Kafka, Flink, Airflow

EDUCATION

BSc Mathematics, Harlow University (2019)