Kwame Asante

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Backend engineer with five years' experience building high-throughput data pipelines, looking to bring that experience to a team working on real-time analytics infrastructure.

Work Experience

Northwind Analytics — *Austin, TX*

Senior Backend Engineer — 2022 - Present

- Redesigned the event-ingestion pipeline in **Kafka** and **Go**, cutting p99 processing latency from 4s to 300ms.
- Led migration of the reporting service from a monolith to **gRPC** microservices, reducing deploy time from 40 minutes to under 5.

Backend Engineer — 2019 - 2022

- Built the billing reconciliation service in **Python** that now processes 500k transactions/day with zero manual intervention.

Fenwick Data Co. — *Remote*

Software Engineer Intern PART TIME — 2018

- Implemented a caching layer in **Redis** that cut database load by 35% during peak reporting hours.

Technical Projects

Streamline — 2021-Present

- Maintain an open-source **Rust** library for backpressure-aware stream processing, used in three production pipelines outside my employer.

Education

B.S. Computer Science *Cum Laude* | University of Texas at Austin — 2019

- Focus in distributed systems; teaching assistant for the databases course for two semesters

Awards

Q3 Impact Award | Northwind Analytics — 2023

- Recognized for leading the ingestion pipeline redesign that unblocked the company's largest customer renewal