

Amanuel Teferi

Data Platform Engineer · Backend & Full-Stack

Addis Ababa, Ethiopia · Remote (UTC+3)

aman.teferi.80@gmail.com

linkedin.com/in/mannyioi · github.com/MannyIOI

mannyioi.dev

SUMMARY

Data platform engineer with 5+ years building backend and data systems for teams in the US, Singapore and the UAE. Built pipelines tracking ~20 million creators, crawlers pulling 80% more data and APIs cut from seconds to milliseconds. Node.js, TypeScript and Python at the core; React and React Native on the front.

EXPERIENCE

Affable → Bazaarvoice — Data Platform Engineer

Feb 2022 — Present

Remote · Influencer marketing platform, acquired by Bazaarvoice

- Built backend and data platform systems tracking ~20 million influencers across YouTube, TikTok, Facebook and Instagram, ingesting millions of data points.
- Led the TikTok API integration end to end; optimized crawler functions to pull 80% more data.
- Built an LLM-integrated face analysis tool predicting age and gender at 94% accuracy, and a data embedder enabling semantic vector search.
- Implemented monitoring for distributed data pipelines, surfacing failures before they spread.

Synapse — Full-Stack Developer (part-time)

Jun 2026 — Present

US · USMLE exam preparation platform

- Cut test creation load time from 4–5 s to ~0.8 s; raised Lighthouse scores from the 70s–80s to 99 across every metric.
- Leading the Computer-Simulated Case (CCS) project for USMLE Step 3.

DriveHive — Full-Stack Developer

Jan 2024 — Apr 2025

San Francisco, US · Car leasing for rideshare drivers

- Cut daily payment processing time by ~60% by restructuring the backend; reduced redundant database queries by 70%.
- Integrated Stripe payments across the vehicle fleet and built real-time vehicle status monitoring from telematics data.
- Shipped a new UI and backend for a credit-union acquisition in under a month; one of two engineers maintaining the whole platform.

Shilengae — Full-Stack Developer, Backend & Mobile

Feb — Dec 2021

Dubai, UAE · Remote · E-commerce platform

- Rebuilt the Django server and React Native app from scratch to support ~1,000 concurrent users; connected React front ends to microservices via GraphQL.

Betesemay — Junior Developer

2020 · 1 year

Addis Ababa · Moogter debate platform

- Shipped a Django + Angular platform under an election deadline; cut a key database query time in half.

SELECTED PROJECTS

Market Floor — browser trading game with a real order book and 62 AI traders. TypeScript, Supabase. market-floor.vercel.app

Vault — retail inventory, sales and treasury app. Next.js 15, Supabase/Postgres RLS, Gemini.

Kinetic — market-replay terminal over live market data. React, Express, Gemini.

Ras Trading — led a team shipping a stock trading app for the Ethiopian exchange. React Native, Express.

SKILLS

Core Node.js, Express, TypeScript, Python, React

Data PostgreSQL, MongoDB, Elasticsearch, Cassandra, data pipelines, vector search, LLM tooling

Also Django, Angular, React Native, GraphQL, Next.js, AWS, GCP, Grafana, Stripe

EDUCATION

BSc, Software Engineering — Addis Ababa Institute of Technology · GPA 3.75

2016 — 2021