



Adie Joklik Omondi

Full-Stack Engineer · Node.js · TypeScript · React · AWS

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PROFILE

Full-stack engineer with 8 years spanning hands-on fleet-hardware installation, production SaaS development, and founding a fleet-safety technology company from zero. Comfortable owning a build end to end: architecture, backend, integrations and infrastructure, with no DevOps team to lean on, because that has been the working reality for most of the last three years. I direct AI coding tools (Claude Code) as the primary engine for shipping production code, with the judgement to review, correct and hold the architecture rather than accept output blindly. Financial services is new, but wealth management's demand for accuracy, auditability and straight answers over nodding along is not.

TECHNICAL SKILLS

Languages	TypeScript (expert), JavaScript, Go, SQL
Frameworks	Next.js 14 (App Router), React (Server Components), React Native, Express.js
Infrastructure	AWS, Docker, Redis + BullMQ, RabbitMQ, WebSockets, Webhooks, Hetzner-based production infra
Databases	PostgreSQL, TimescaleDB, PostGIS, Prisma ORM, Supabase
AI / Integration	Claude Code (production-scale AI-assisted development), OpenAI API (GPT-4 Vision, Assistants API), RAG pipelines
Other	Stripe Connect, OAuth2, REST API design, JT/T808, Git, multi-tenant architecture

EXPERIENCE

Founder & CEO · CommuterSafe Systems, Nairobi

2026 – Present

Fleet-safety hardware and SaaS platform for commercial fleet operators in East Africa: live dashcam streaming, AI driver-behaviour scoring, GPS telematics and a multi-tenant dashboard.

- Sole architect and engineer of a Go/TypeScript monorepo (TimescaleDB, RabbitMQ, Redis) built from scratch without third-party wrappers, running production infrastructure for under \$20/month.
- Own four live portals end to end (fleet operator dashboard, driver hire assessment, insurance portal, staff admin) for anchor client DP World, with a pipeline including Coca-Cola Beverages Kenya, BasiGo and G4S Kenya.
- Direct Claude Code as the primary build engine, with review discipline covering protocol-level device integration (JT/T808 multimedia handling) and production debugging (media session state, video retrieval, alert pipelines).
- Built the full financial model (hardware COGS, installation labour, infrastructure, AI tooling) behind a bootstrapped, zero-external-funding business at a ~71.8% blended gross margin.

[Go](#) · [TypeScript](#) · [PostgreSQL/TimescaleDB](#) · [RabbitMQ](#) · [Redis](#) · [Hetzner](#) · [Claude Code](#)

Full-Stack Engineer · ReportFlow, Financial Analytics SaaS

2022 – Present

Multi-tenant SaaS platform for creator-economy financial reporting, live in production.

- Led migration from regex-based ingestion to an event-driven architecture, eliminating data drift and raising transaction accuracy to near-100%.
- Designed OAuth2-authenticated webhook consumers for real-time financial data ingestion, replacing brittle manual input flows.
- Built a real-time commission-tracking attribution engine that processes high-volume transactions automatically, replacing spreadsheet workflows.
- Implemented Redis + BullMQ job queues and WebSocket broadcasts delivering real-time financial feedback to users at scale.

[TypeScript](#) · [Next.js 14](#) · [Node.js](#) · [AWS](#) · [Supabase](#) · [Redis](#) · [BullMQ](#) · [WebSockets](#) · [Stripe Connect](#) · [Prisma](#)

Backend Engineer · CommuterSafe Systems (earlier phase)

2022 – 2023

Smart-mobility platform for transport operators and public-sector stakeholders.

- Built a high-performance telemetry gateway in Go processing real-time location and safety data from hardware tracking devices.
- Architected a unified auth and data layer serving three portals (Customer, Staff, Government), cutting schema conflicts and projected tech debt by ~20%.
- Implemented session-aware telemetry tagging powering driver assessment workflows and safety reporting for public-sector clients.

[Go](#) · [TypeScript](#) · [Node.js](#) · [PostgreSQL](#) · [REST APIs](#) · [OAuth2](#) · [Docker](#)

Full-Stack Engineer · SiteSync, Construction Management SaaS

2021 – 2022

WhatsApp-first project management tool for low-bandwidth field environments.

- Integrated GPT-4 Vision to analyse uploaded site photos and update project timelines automatically, significantly reducing manual reporting.
- Built a structured report-submission flow over the WhatsApp Business API, removing the need for a dedicated field app.

TypeScript · Node.js · OpenAI API (GPT-4V) · WhatsApp Business API · Supabase

Developer · Esque Kenya (builders of Crato)

2018 – 2021

Commercial software engineering role building Crato.

Dashcam Installation Technician · Commercial fleets incl. Coca-Cola Beverages Kenya

Pre-2018

Hands-on installation and diagnostics on commercial fleet hardware. The direct foundation for the fleet-telemetry engineering that followed.

SELECTED PROJECTS

Bilawas · Ride-hailing platform

Rider and driver apps shipped to iOS and Android, plus a web management platform for drivers, riders and trip oversight.

bilawas.com · React Native · Firebase

Prioritizer AI · Vulnerability risk engine, 2024

Context-aware CVE ranking using RAG, scored against live threat intelligence rather than static CVSS for more relevant triage.

TypeScript · OpenAI Assistants · Embeddings

Discord Multi-Tenancy · SaaS infra, 2023

Guild-ID tenant isolation letting a single bot instance serve multiple agency clients with zero cross-tenant data leakage.

TypeScript · Node.js · PostgreSQL

Client websites · E-commerce & brand

Lumera luxury beauty store, Aphrodite Talent Group, and professional portfolios. Responsive, conversion-focused builds.

lumeracosmeticsgroup.com

ADDITIONAL

Language English, C2 (fluent)

Time zone EAT (UTC+3), full UK-hours overlap

Availability Immediate