

Anthony Mbeka

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Full-stack software engineer building production React and Next.js applications in TypeScript, backed by backend systems experience in Go, Node.js, and PostgreSQL.

Education

The University of Nairobi

Bachelor of Science in Computer Science

Sep 2021 – Sep 2025

Nairobi, Kenya

- Graduated with a Second Class Honours, Upper Division.

Experience

Full-stack Developer

Orionramp

Aug 2025 – Sep 2026

Nairobi, Kenya

- Built core backend services for a payments platform, enabling mobile money and card payments with automated digital asset conversion using ExpressJS, TypeScript, BetterAuth, Postgres, and Redis.
- Built a developer dashboard for integrating businesses to manage their payment integrations, implementing JWT-based authentication and Playwright end-to-end tests covering the login and integration-setup flows.
- Contributed to the transaction and payment processing services, handling payment initialization, transaction status tracking, and webhook events.
- Designed and built the marketing website and waitlist feature, helping onboard 20+ users ahead of launch.

Full-stack Developer

Freelance

May 2023 – July 2025

Nairobi, Kenya

- Built UI features for Alif, an Arabic-language learning platform (HTML, JavaScript, Tailwind CSS).
- Engaged by a client to build Kaylir, a family-focused social platform (Next.js, Supabase), including real-time messaging, group membership, and a feature that automatically shows how two family members are related to each other (e.g. "aunt," "cousin"), using a mix of manual rules and AI.
- Built a prototype tool that lets users upload a PDF and place images on top of it that can be freely dragged around and resized, like adding movable stickers to a document.
- Designed and built marketing and e-commerce sites for Champolu, a language-learning company (WordPress, Elementor, HTML, CSS, JS, Python); built the UI of arbsq.net, an early-stage Arabic NLP and language-tools platform.

Web Developer (Intern)

Champolu Corp

May 2024 – October 2024

Remote (New York, United States)

- Contributed to iSupply, a trade data and business directory platform built with JavaScript, HTML, Tailwind CSS and Flask(Python).
- Designed wireframes and mockups that guided the product roadmap.
- Integrated the frontend with a Flask REST API.

Projects

Lyra | *React Native, React, Golang, Postgres, GCP*

- My capstone project, Lyra, is a telemedicine platform for remote healthcare delivery in Kenya.

Mobo (Work in Progress) | *React, Golang, Postgres, GCP, RabbitMQ*

- Movie ticketing and reservation platform
- Built an async email pipeline with RabbitMQ (tiered retries, dead-letter exchanges, idempotency keys via a transactional outbox pattern) for reliable notification delivery

[Tantei](#) | *React, ExpressJS, Drizzle ORM, Postgres*

- A marketplace platform allowing developers to monetize AI trading agents with built-in commerce features.

[FlowFrame](#) | *NextJS, Clerk, Postgres*

- A real-time collaborative task management app.

[Atria](#) | *NextJS, Drizzle ORM, Postgres*

- A platform that lets you invest in fractions of premium properties across Kenya.

Technical Skills

Languages: Go, TypeScript, JavaScript

Frameworks & Libraries: React, Next.js, Express.js, Chi

Databases & Messaging: PostgreSQL, RabbitMQ

Tools: Git

Testing: Playwright, Jest, Testify

DevOps & Cloud Services: GCP (Cloud Run , Cloud Storage , Cloud SQL) , Docker, GitHub Actions , Caddy

Styling: Tailwind CSS

Accomplishments

1st Place — Algorand UON Hackathon

2nd Place — Hedera Nairobi Hashathon (Hedera + Nairobi Securities Exchange partnership)

1st Place — Avalanche Bounty, African Blockchain Championship