

Kaleab Shewangizaw

Software Engineer · CTO at Pazimo

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Software engineer who builds and ships web and mobile products end to end, from database design to deployment. As CTO of Pazimo, I lead engineering for an event ticketing platform: a Next.js web app, two React Native apps, the Node.js API behind them and the servers they run on.

EXPERIENCE

CTO · Pazimo 2025 – Present

Event ticketing, invitation and RSVP platform · Addis Ababa · pazimo.com

- Lead engineering and own the architecture: one Express and MongoDB API serving a Next.js web app and two React Native apps.
- Integrated Chapa and SantimPay behind one checkout, with idempotent callbacks so retries never double-charge.
- Rebuilt the agency-built Flutter attendee app in React Native, so one TypeScript team ships web and mobile.
- Built the staff app solo: role-based access for organizers, door staff and cashiers, and a QR scanner for check-in.
- Run production on Ubuntu servers with Nginx, PM2, Let's Encrypt and CI/CD; live sales updates over Socket.IO.

Full-stack Developer · Prime Software 10/2025 – Present

Client products, built end to end · Addis Ababa

- Built a proforma invoicing system for Shrubs Marble & Granite (React, Express, PostgreSQL) with JWT refresh-token rotation and a role-based approval flow.
- Shipped a customer portal for tracking orders through fabrication, from cutting to delivery.
- Built GojoHost's Telegram support bot and Mini App with DNS checks and AI hand-off; sessions in Redis.

Full-stack Development Instructor · Google Developer Group, AAU 2023 – 2024

- Taught web development (React, Node.js, Git, REST APIs) to 50+ students; led 4+ workshops for 200+ attendees.

PROJECTS

Chop · AI content tool chop-content.vercel.app

- Turns notes, PDFs, Word files, screenshots (OCR) or links into posts for five platforms in one request. Next.js and Llama 3.3 70B on Groq, with a model fallback chain so an outage never returns nothing.

Reverse proxy in Rust · in progress github.com/Kaleab-Shewangizaw/RUST

- An NGINX-style server built from scratch with the standard library: config parsing, round-robin load balancing with health status, and logging.

Yoinker · Chrome extension github.com/Kaleab-Shewangizaw/Yoinker

- Saves job postings in one click; an LLM extracts the details and a dashboard tracks each application.

EDUCATION

BSc in Engineering · Addis Ababa Institute of Technology, Addis Ababa University 09/2022 – Present

Coursework: Data Structures & Algorithms, Software Architecture, Databases, Networking, Machine Learning

Africa to Silicon Valley (A2SV) · Competitive programming, backed by Google 12/2023

Solved 400+ algorithmic problems on LeetCode and Codeforces.

ACHIEVEMENTS

GDSC AAiT Hackathon Winner · 24-hour full-stack challenge; built a student productivity app (Next.js, MongoDB). 04/2025

SKILLS

Languages	TypeScript, JavaScript, Python, Go, Rust, Dart, C++, SQL
Frontend	React, Next.js, Tailwind CSS, Framer Motion
Mobile	React Native, Expo, Reanimated, Flutter
Backend	Node.js, Express, MongoDB, PostgreSQL, Redis, Socket.IO, REST APIs
Infrastructure	Linux, Nginx, Docker, PM2, CI/CD, GitHub Actions, Vercel