

Bilisuma Eresso

Full-stack engineer specializing in React Native + Node.js products for founders, and real-time, multi-tenant backend systems

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Relevant Experience

Founder & Product Engineer · OmishGo

2025 — Present

- Sole technical founder of an agriculture marketplace connecting Ethiopian farmers directly with buyers; own product, architecture, backend, mobile app, admin panel, and deployment
- Running a structured pilot in the Meki / Rift Valley area in formal partnership with the Meki Farmers' Union, who act as platform admin overseeing quality and trust
- Built as a true monorepo (backend, mobile, admin web — each independently runnable) with 8 Jest/Supertest suites and a mandatory trilingual UI
- Shipped v1.0.0-pilot as a downloadable Android APK, with offline-ready drafts and PIN login

Full-Stack Developer · EduLingua

2025 — Present

- Building an AI-powered East African language learning app with adaptive exercises, pronunciation support, LLM-generated lessons, and streak tracking
- React Native/Expo frontend with a Node.js/Express/MongoDB backend, designed offline-ready

Freelance / Contract Engineer · Private Clients

2024 — Present

- Delivered a full business website and CMS for RE Construction, with JWT auth and Cloudinary media handling
- Built and shipped two farmer cooperative union websites, including mekibatuunion.org for a GlobalG.A.P-certified union representing 135 cooperatives and 8,089 member farmers
- Built a React Native mobile app prototype for a private client, and contributed backend API and database improvements to an existing client platform

Engineering Practice

- Tests real functionality — tenant isolation on LayoScan, 8 auth/order/admin suites on OmishGo — not just the happy path
- Documents deployment for real hosting environments, including cheap shared hosting (cPanel/Apache), not just Vercel
- Writes actual security policy (SECURITY.md with a disclosure process), not just security code, and audits his own work against ground truth before calling it done

Skills

Languages

JavaScript (ES6+), TypeScript, PHP, SQL

Frontend & Mobile

React, Vite, Tailwind CSS, Framer Motion, Three.js, React Native, Expo

Backend & Real-time

Node.js, Express, REST, JWT, Socket.io (multi-tenant), Telegraf

Data, Payments & Testing

MongoDB/Atlas, PostgreSQL, Supabase, Stripe, Chapa, Jest, Supertest

Cloud & Tools

Docker, Vercel, Render, Cloudinary, GitHub Actions, Figma, Git

Selected Projects

[LayoScan ↗](#)

Multi-tenant restaurant QR ordering platform with live order tracking, automated tenant-isolation tests, and a CI pipeline

[OmishGo ↗](#)

Farmer-to-buyer marketplace; sole technical founder, a true monorepo across mobile, web, and backend

[Meki Batu Union ↗](#)

Live cooperative website serving 135 primary cooperatives and 8,089 member farmers

[StudyHub Bot ↗](#)

Telegram bot aggregating study resources from 33 Ethiopian university channels

Education

B.Sc. Information Systems

Addis Ababa University — Expected June 2027

Coursework: Data Structures & Algorithms, Database Systems, Operating Systems, System Design

Certification: MERN Stack — Udemy, Oct 2025

Languages Spoken

Amharic (native), Afaan Oromoo (native), English (professional)