

Bereketeab Haileeyesus

Full Stack Developer

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Profile

Full-Stack Developer with 3+ years of experience building scalable web and mobile applications, including self-hosted AI/LLM systems. Key contributor to mission-critical government platforms (INSA) and large-scale multimedia ecosystems, adopted by thousands of users. Expert in Laravel and Flutter, with professional proficiency in React, Node.js, and self-hosted AI infrastructure (vLLM, Dify).

Skills

- **Languages:** Java, PHP, JavaScript, Dart, Python, SQL
- **Frameworks:** Laravel, React, React Native, Node.js, Next.js, Flutter, Electron.js
- **AI / LLM:** LLM fine-tuning, vLLM (self-hosted inference), Dify (self-hosted AI workflow/agent orchestration), API-based AI integration, chatflow design, GitHub Copilot (AI-assisted development)
- **Infrastructure:** Nginx, Apache, VPS, cPanel configuration, self-hosted deployments, Kubernetes O&M (Huawei-certified), CI/CD pipelines
- **Database Management:** MySQL, MongoDB, Firebase, Redis, PostgreSQL
- **Operating Systems:** Windows, Linux, macOS

Work Experience

[INSA \(Information Network Security Administration\)](#)

Full Stack Developer | DevOps | Mobile App Developer — 2023 May – Present

- **ILO Ethiopia 2025 Event Platform:** Event platform for the 20th ILO Regional Conference for Labour-Based Practitioners (AU Headquarters, 2025) — registration, QR badges, admin panel, and payments (Mastercard, Visa, Telebirr, bank).
- **Fuel Management System:** Operational tracking system deployed org-wide across INSA, managing 250+ vehicles including field units outside Addis Ababa.
- **Procurement System:** Automated fertilizer procurement workflows for the Ethiopian Agricultural Businesses Corporation (EABC).

- **Medemer Platform:** Audiobook app for Medemer, the Ethiopian PM's philosophy book. [Web](#) · [Play Store](#) · [App Store](#)
- **Signal (Private Fork):** Self-hosted private fork of Signal (server, Android, desktop) with custom features and UI/UX — sovereign encrypted comms for Ethiopian government campaigns, adopted by thousands.
- **Headwind MDM:** Extended Headwind MDM with custom geofencing and device policies — 30,000+ tablets enrolled for the Ethiopian Statistics Service's data-collection projects.
- **AI Infrastructure (vLLM + Dify):** Fine-tuned and self-hosted an LLM on vLLM; built Dify-based AI workflows integrated via API across multiple applications for INSA and partner companies.

[NEGED ET](#) | Startup

Co-Founder — 2025 – Present

- **Digital Business Card (Kurucard):** NFC/QR business card platform — profiles, ordering, admin dashboard (Laravel, React Inertia, MySQL). Used by [Beza Posterity Development Organization](#) for investor networking. [Live](#)
- **Miss/Mr International Ethiopia:** Leadership pageant platform — registration, voting, ticketing, badges, gate-scanning PWA, PayPal/Ethiopian payments. 150+ contestants, 10,000+ votes, 3rd year running; a winner represented Ethiopia at Miss International in Tokyo. [Live](#)
- **ERP Systems:** Custom ERP solutions for business process automation.
- **Maguyea Platform:** Digital marketplace connecting verified actors and models with casting professionals. [Live](#)

[People to People Aid Organization, Canada](#) | Community Asset Management Mobile App

Mobile Application Developer — 2024 Feb – 2024 Sep

- Integrated Google Maps API for live tracking and proximity search, with region/distance filtering and offline-first local storage.
- Built asset-discovery and crowdsourced contribution modules (Figma design, Agile workflow), with multi-language localization.

Upwork (Freelance) | Microsoft-Sponsored Developer Research Study (MSFT391)

Freelance Python Developer — 2024

- Implemented unit-tested Python in a GitHub Codespace using an AI-assisted workflow (GitHub Copilot).

Education

Debre Markos University Bachelor of Software Engineering — 2019–2024

Certifications & Achievements

- **Advanced Training Certificate — Senior Engineer Training (Huawei Global Training Center), 2026:** E2E DevOps, Kubernetes O&M, DeepSeek, and large-model fine-tuning & application development.
- **Mobile Device Management Training (Edoxi Training Institute, Dubai, UAE), Nov 2025:** 35-hour certification in Mobile Device Management.
- **Dereja Academy Accelerator Program (Dereja, in partnership with Mastercard Foundation), 2024:** 3-month accelerator program (Aug–Oct 2024).
- **Academic:** Ranked 2nd among Debre Markos University Institute of Technology's 2024 graduates, GPA 3.92.
- **Competitive Programming:** ACPC 2021 — 11th Place; First to Solve Problem A (Team: Extreme Programmers).
- **Best Project Award, Debre Markos Institute of Technology, Jul 2024:** "One Card System for Debre Markos University," Dept. of Software Engineering.

Languages

- English
- Amharic