

Yafet Retta Alemayehu

Full-Stack Engineer | Next.js | NestJS | Node.js | React | Flutter

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SUMMARY

Full-stack engineer who builds systems a country depends on. Led the team behind DPMES, Ethiopia's national planning and reporting platform for 12 federal institutions, cutting report consolidation from 30 days to 5, and built the platform that checked in 27,000+ attendees at the Second Africa Climate Summit with zero downtime. Six years shipping production systems on immovable deadlines across Next.js, NestJS, Flutter and AI-powered features.

EXPERIENCE

Full-Stack Developer, DPMES — Ministry of Planning and Development

Addis Ababa (onsite) | Oct 2024 – Present

- Delivered DPMES, Ethiopia's national Digital Planning, Monitoring and Evaluation System, used by 60+ planning officers across 12 federal institutions, by leading a 3-developer team across backend and frontend.
- Cut national report consolidation from 30 days to 5 days by building automated analytics and reporting pipelines on real-time plan data.
- Registered, badged and checked in 27,000+ attendees at the Second Africa Climate Summit (Sep 2025) with zero downtime by building registration, badge generation, QR check-in and Firebase push notifications end to end.
- Launched the National Summit on Statistical Sovereignty platform (ssidm-summit.mopd.gov.et) for 500 registrants in 2 weeks by extending the ACS2 platform.
- Reduced routine support questions by 90% by building AI chatbots and assistant features into DPMES.

Full-Stack Developer (part-time contract) — Ledger Technology PLC

Addis Ababa | Aug 2026 – Present

- Shipped 3 production features in 2 months by building Next.js frontends and NestJS services deployed with Docker.
- Reduced page load by 15% by lazy-loading routes and images.

Founder & Lead Engineer — Software Solutions & AI Consulting

Addis Ababa | Jul 2026 – Present

- Manage institutional email and server infrastructure for the Ethiopian Civil Society Organizations Council (ECSOC), covering 20 accounts.

Full-Stack Developer — Intelance

London, UK (remote) | Aug 2023 – Sep 2024

- Secured a Digital Health Platform serving 500 users by building authentication and role-based authorization in .NET Core, C# and React.
- Reduced query response times by 10% by redesigning the relational data model and optimizing data access with Entity Framework Core.

Full-Stack Developer (part-time contract) — eMender IT Solutions

Remote | Apr 2021 – Nov 2025

- Published eStota and eMerke on Google Play and the App Store, reaching 3,000+ downloads, by building both in Flutter on Spring Boot and MySQL APIs.
- Cut deployment time from 40 minutes to 7 minutes by containerizing services with Docker and Kubernetes on Google Cloud.
- Reached 70% test coverage on core services with JUnit and Mockito, with zero critical production regressions.

Lead Full-Stack Developer (contract) — Prophecious Technologies

India (remote) | Sep 2022 – Jul 2023

- Delivered 10+ web and mobile products to 10+ clients by leading 4 developers and designers on Node.js, React and Flutter.

Flutter Developer (contract) — Green Addis Technologies

Addis Ababa (hybrid) | May 2022 – Dec 2022

- Brought 1,000+ new users to Metahu Addis v2.0 by rebuilding the Android and iOS app in Flutter with BLoC state management.

SKILLS

Languages: TypeScript, JavaScript, C#, Java, Dart

Frontend: Next.js, React, HTML/CSS

Backend: NestJS, Node.js, Spring Boot, ASP.NET Core, REST APIs

Mobile: Flutter (BLoC, GetX), Firebase

Data: PostgreSQL, MySQL, Entity Framework Core, Hibernate/JPA

DevOps & Tools: Docker, Kubernetes, Google Cloud, Azure DevOps, Git

Testing: JUnit, Mockito

AI: LLM-powered chatbots and assistant features, AI integration in web and mobile apps

EDUCATION

B.Sc. Software Engineering — Addis Ababa Science and Technology University | 2020

LANGUAGES

English (fluent) | Amharic (native) | French (conversational)