

Habtamu Bekele

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PROFESSIONAL SUMMARY

Full Stack Developer delivering production-grade web applications across LMS platforms, data management systems, government dashboards, and audience engagement tools serving thousands of active users. Experienced across the full stack from Golang and Django APIs to Vue.js and Nuxt.js frontends with hands-on work in GraphQL, PostgreSQL, cloud infrastructure, and containerized deployments. AWS Certified Solutions Architect – Associate and Cloud Practitioner.

TECHNICAL SKILLS

Languages: JavaScript, Python, Golang, SQL, TypeScript (working knowledge)

Backend: Golang, Django, Hasura (GraphQL), Node.js

Frontend: Vue.js, Nuxt.js, Tailwind CSS, HTML, CSS, JavaScript

Databases: PostgreSQL, SQLite, Turso

APIs & Data: REST APIs, GraphQL, Data Visualization, Pandas, SQLC

Cloud & DevOps: AWS (EC2, S3, RDS) – Solutions Architect Associate certified, Docker, Nginx, GitLab CI/CD, Dokploy, Linux (VPS)

Tools: Git, VS Code, Postman, SendGrid API

WORK EXPERIENCE

Web Developer / Software Engineer — Minab IT Solutions PLC, Addis Ababa, Ethiopia *Feb 2025 – Present (Internship → Full-Time: Apr 2025)*

HaHuJobs Admin Console – CMS & Campaign Module

A full-stack administration system centralizing audience management, multi-channel campaign delivery, and content management for the HaHuJobs microservice ecosystem.

- Designed and implemented an audience management system aggregating users from HaHuJobs IO and the jobs portal, with tagging, source attribution, and reusable filtered audience groups.
- Built a template manager supporting email (SendGrid), SMS, and Telegram channels including live template preview and reuse across campaigns.
- Developed a campaign module with scheduled and one-time delivery, multi-channel outbox selection, audience group filtering, and frequency controls (daily, weekly, monthly).

Tech Stack: Golang, Vue.js, Nuxt.js, PostgreSQL, SendGrid API

HaHuJobs Muya Learning Management System (LMS)

A large-scale LMS serving 1,000+ registered users.

- Developed and maintained landing pages and application UI components.
- Improved user experience, accessibility, and mobile responsiveness.
- Integrated frontend features with backend services for courses, progress tracking, and certificates.

Tech Stack: Vue.js, Nuxt.js, Golang, PostgreSQL

Fanos Learning Management System

A mobile-friendly LMS for Grade 9–12 students serving 10,000+ registered users.

- Built landing pages to improve course accessibility and onboarding.
- Contributed to frontend features enabling student enrollment and engagement.
- Supported coordinated learning initiatives linked with STEEP programs.

Tech Stack: Vue.js, Nuxt.js, Golang, PostgreSQL

STEEL Monitoring & Evaluation (M&E) System

A data consolidation and analytics platform funded by Global Affairs Canada and the Barrett Family Foundation, implemented by HaHuJobs.

- Developed frontend dashboards for tracking and reporting intervention data in a production environment.

- Built interactive charts and tables to visualize program outcomes and trends.
- Integrated frontend components with backend APIs for real-time data display.

Tech Stack: *Vue.js, Nuxt.js, Golang, PostgreSQL*

Strategic Plan and Performance Tracking System (SPPTS) <https://moh.minabtech.com/>

A data visualization and management platform enabling the Ministry of Health to track strategic plans, budgets, and implementation status at regional and woreda levels.

- Built the entire frontend from the ground up, implementing all data visualizations and admin interfaces.
- Implemented role-based access control and data masking to restrict visibility by administrative level (region, woreda, city).
- Integrated with existing Ministry data systems to pull live strategic plan data for reporting and decision-making.

Tech Stack: *Vue.js, Nuxt.js, Golang, PostgreSQL*

Ethiopian Red Cross Society – LMS Backend <https://lms.redcrosseth.org/>

A full-featured LMS backend for the Ethiopian Red Cross Society, built on a microservice-oriented architecture with self-hosted infrastructure and multiple third-party integrations.

- Developed backend APIs and Hasura Actions for authentication, enrollment, assessments, payments, certificates, and notifications.
- Implemented JWT authentication, OTP/password recovery flows, and admin/user management endpoints.
- Integrated multiple Ethiopian payment gateways (Chapa, SantimPay, ArifPay) with webhook handling.
- Set up Garage (self-hosted S3-compatible object storage) behind Nginx for file and media storage.
- Integrated Bunny Stream for video CDN delivery and Gotenberg for PDF generation.
- Maintained PostgreSQL migrations, triggers, and role-based access control for a scalable LMS backend.

Tech Stack: *Golang, Hasura, PostgreSQL, Garage (S3), Bunny Stream, Gotenberg, SendGrid, AfroSMS, Firebase, Docker*

Zeleman Academy – Landing Page <https://www.zelemanacademy.com/>

- Developed and enhanced the public-facing landing page UI with responsive, accessible components.
- Ensured consistent design and performance across devices.
- Collaborated with designers and backend teams to integrate dynamic content.

Tech Stack: *Vue.js, Nuxt.js, Golang, PostgreSQL*

Web Developer / Software Engineer — Ministry of Plan and Development of Ethiopia, Addis Ababa, Ethiopia *Jul 2023 – Jun 2024*

Time Series Data Management System

- Developed a centralized web platform to replace Excel-based time series workflows.
- Implemented backend services for secure data input, validation, and Excel imports.
- Integrated dashboards for trend analysis and data exploration.

Tech Stack: *Python, Django, SQLite, JavaScript, Pandas*

Monitoring & Evaluation (M&E) & Knowledge Assessment Platform

- Built digital survey and data collection modules to replace manual reporting.
- Implemented automated reporting and analytics features.
- Collaborated with cross-ministry stakeholders to align system requirements.

Tech Stack: *Python, Django, SQLite, JavaScript*

National KPI Data Dashboard

- Developed a centralized dashboard for tracking national KPIs.
- Migrated fragmented Excel-based processes into a real-time web system.
- Enabled improved transparency and data-driven decision-making.

Tech Stack: *Python, Django, SQLite, JavaScript, AJAX*

OPEN SOURCE CONTRIBUTIONS

Backend Contributor — Tabiya Tech – Taxonomy Model Application,

2025 – Present

GitHub: github.com/tabiya-tech/taxonomy-model-application

- Contributing to an open-source taxonomy modeling platform for structured skills and occupation data.
- Working on backend tasks including schema validation and API improvements.
- Implementing and reviewing backend logic using TypeScript-based patterns.
- Collaborating with international contributors through GitHub pull requests, reviews, and CI workflows.

Tech Stack: *TypeScript, Node.js, AJV, JSON Schema*

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (Dec 2025)
- AWS Certified Cloud Practitioner (Aug 2025)
- ProDev Backend Certificate – ALX Ethiopia (Oct 2025)
- Professional Development Skills for the Digital Age – ALX Ethiopia (Jun 2025)
- AI Career Essentials – ALX Ethiopia (Sep 2024)
- HP LIFE – Data Science & Analytics (Sep 2024)
- Certificate of Excellence – American College of Technology (Oct 2024)

EDUCATION

Bachelor of Science in Computer Science

May 2020 – Oct 2024

ACT American College of Technology — Addis Ababa, Ethiopia | GPA: **3.94 / 4.00**

LANGUAGES

Amharic – Native | **English** – Professional