



Mulugeta Zeferu

Fullstack Developer

mulerfrommarss@gmail.com

+251 985 011 172

Addis Ababa, Ethiopia

moolerz.com · moolerz.et · github.com/mooler-z

My interests sit at the intersection of intelligent systems and human behavior. I'm drawn to AI, machine learning, and data science as tools for solving real-world problems, especially in education, with software engineering and cybersecurity as the backbone for building secure, reliable systems. Above all, I believe in a more forward-looking, globally connected world: one that questions outdated traditions and structures that no longer serve people.

EXPERIENCE

Experience

- Feb 2021 - Present

Henon EdTech

Cofounder & Developer

Co-founded Ethiopia's integrated education technology platform – a complete school operating system covering fee collection, academics, attendance, parent communication, and student records. Now 1000+ schools, 416k+ students, 392k+ parents, 3 bank partners (CBE, Wegagen, Lion), and ETB 8B+ in school fee transactions processed. Build the 2D vector games behind its gamified learning and architected the entire LMS backend solo, serving tens of thousands of students at 99.9% uptime.
- Oct 2025 - Sep 2026

Phoenix Games

Backend & Frontend Developer

Built the admin control systems – backend and React dashboards – behind Phoenix's virtual betting games, with NATS provisioning and a custom Identity Provider on Better Auth, later migrated to Zitadel. Contributed to PhoenixVerse and EthioLottery, and built landing experiences for Phoenix Studio and Falcon's Eye.
- Dec 2024 - Feb 2026

BytePulse

Fullstack Developer

Fulltime employee as a fullstack developer.
- 2022 - Present

Freelance

Web Developer

Web development for private clients.
- Jul - Aug 2024

VODAN

Internship

Built a form builder system for Ayder Referral Hospital to digitize antenatal-care and patient checkup data, as part of the VODAN-Africa health-data effort.
- 2019 - 2022

Volunteer Bootcamp

Programming Instructor

Teaching students programming as a volunteer. There was tragic war going on and students have been away from school for almost 3 years so volunteered to teach kids programming.
- Aug 2024 - Feb 2026

GAMM Technologies

Fullstack Developer

Built and maintained IEARMS for Addis Ababa's education authority (AAETQRA): a secure exam engine with anti-cheat and live proctoring, hardened for 5,000+ concurrent users, plus teacher assessment and internal tooling.

EDUCATION

Education

- 2018 - 2025

Mekelle University (Mekelle Institute of Technology)

BSc in Information Technology

GPA 3.68/4.0
- 2014 - 2018

Ayder Highschool

Secondary Education

Skills

SKILLS

Languages

TypeScript, JavaScript, Python

Frontend

React, TanStack, Vue.js, Nuxt.js, Angular, Svelte, SvelteKit

Backend

Convex, Fastify, NestJS, Django, RESTful API, Better Auth, NATS

Databases

PostgreSQL, Drizzle, ClickHouse, MongoDB, MySQL

DevOps & Tools

Docker, Turborepo, GitLab, AWS DevOps

Systems

Linux, Bash Scripting, VIM

Projects

SELECTED PROJECTS

Henon EdTech

Adaptive Learning · 2023

IEARMS

Accreditation · 2024

INNVENT

POS Systems · 2023

Dukuan

E-commerce · 2023

MIT CMS

University CMS · 2022

Bana Pharma

Pharmaceutical · 2024

LINKS

moolerz.com

moolerz.et – Projects & Writing

GitHub

LinkedIn

Telegram

Email

Links

Mulugeta Zeferu · mulerfrommarss@gmail.com · github.com/mooler-z