

Natnael Messay

Web Developer

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PROFILE

Performance-driven Full Stack Developer focused on building scalable and efficient applications. Proficient in Data Structures and Algorithms for optimized, high-performing code. Detail-oriented and committed to clean, maintainable, and well-documented practices. Experienced in creating responsive user interfaces and robust backends. Collaborative, adaptable, and passionate about delivering reliable, user-focused software.

PROFESSIONAL EXPERIENCE

Backend Developer

4K Labs

09/2023 – 01/2024
Adiss Ababa, Ethiopia

- Converted a static website into a dynamic MERN-based platform with modular APIs, optimized database queries, indexes, and schema design.
- Implemented caching (in-memory, route-level), JWT authentication, RBAC, middleware, structured routing, and robust error/log handling.
- Migrated legacy data to MongoDB, refactored backend logic, collaborated with frontend teams, and supported Agile workflows, testing, and cloud deployments.

Backend Developer

Mereb Technologies

09/2024 – 03/2025
Adiss Ababa, Ethiopia

- Backend developer at Mereb Technologies specializing in Go, building high-performance, scalable server-side applications using clean, modular architecture.
- Design and implement RESTful APIs, optimize database operations, and leverage Go's concurrency model to deliver low-latency, high-throughput systems.
- Collaborate with frontend and DevOps teams to ensure secure integrations, efficient deployments, and maintainable, production-ready solutions.

EDUCATION

Bachelor of Science in Computer Engineering

Addis Ababa Universty

01/2021 – 06/2026
5kilo

I am pursuing a Bachelor's degree in Computer Engineering at 5 Kilo University, with a 3.8 GPA. My coursework and projects focus on software development, including programming, database design, and system architecture. I have hands-on experience building applications, APIs, and backend systems, strengthening my problem-solving, coding, and analytical skills while preparing to contribute effectively in real-world software development environments.

SKILLS

Front-End

Html ,CSS ,Tailwind CSS , Javascript ,React.js ,Next.js ,Vue

Back-End

Node.js ,express.js ,Go ,Flask

Database

MYSQL ,MongoDB ,PostgreSQL

Deployment

Vercel ,Render ,Heroku ,Netlify

Version Control

Git ,Github

LANGUAGES

Amharic

English