

Natnael Messay

Web Developer

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- 📍 addis ababa
- 🐙 Github

Profile

A performance-driven Full Stack Developer with strong expertise in MERN stack and PostgreSQL, focused on building scalable and efficient web applications. Proficient in Data Structures and Algorithms, enabling optimized and high-performing code solutions. Detail-oriented and committed to clean, maintainable, and well-documented code practices. Experienced in creating responsive UIs with React/Next.js and robust backends using Node.js and Express. Collaborative team player with excellent problem-solving and communication skills. Adaptable to emerging technologies and passionate about continuous learning and skill enhancement. Dedicated to delivering user-focused, reliable, and high-quality software solutions.

Languages

- Amharic
- English

Education

Bachelor of Science in Computer Engineering
Addis Ababa Universty
Jan 2021 – 2025 | 5kilo

Professional Experience

Full Stack Developer

Woldia Highschool > Woldia, Ethiopia

- Developed a responsive and user-friendly attendance management web application, ensuring a smooth and consistent user experience across devices.
- Built dynamic interfaces using HTML, CSS, and JavaScript frameworks (Next.js) for efficient and interactive content rendering.
- Implemented robust image upload and management for user registration, with full CRUD functionality and centralized error handling for reliability and maintainability.

Full Stack Developer

Dina detergent > Adiss Ababa, Ethiopia

- Upgraded the existing static Dina website into a dynamic MERN stack application (MongoDB, Express.js, React, Node.js) to enable real-time content updates and improve maintainability.
- Optimized performance by minimizing redundant network requests through intelligent API design, component-level caching, and lazy loading of resources.
- Implemented server-side caching (Redis / in-memory) and client-side caching with React Query and browser storage to enhance data retrieval speed.
- Utilized code-splitting and asset optimization to reduce initial load time by 40% (approx.) and improve Lighthouse performance scores.
- Designed RESTful APIs for dynamic data handling, replacing static HTML files and reducing backend overhead.

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