

Natnael Darsema

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SUMMARY

Detail-oriented Computer Science graduate (BSc, University of Gondar, 2025) with expertise in full-stack web-development using the MERN stack, Next.js, and TypeScript. Proficient in designing responsive, high-performance websites with integrated REST APIs, authentication systems (Supabase, BetterAuth, Google Sign-In), and payment gateways (Chapa). Led development of impactful projects, Successfully delivered impactful projects, including the UN-ET Gondar Chapter Website, agricultural marketplaces, healthcare systems, and e-commerce platforms. Passionate about leveraging Agile methodologies and continuous learning to deliver scalable digital solutions. Seeking to contribute technical expertise to innovative web development teams.

EDUCATION

✧ **Bachelor degree in Computer Science**
University of Gondar , Gondar, Ethiopia

Sept 2021-June 2025

- ✓ Relevant Coursework: Data Structures, Algorithms, Web Programming, Database Systems, Software Engineering, Operating Systems

✧ **Frontend Web Development Certificate(ALX Africa , Remote)**

Dec 2024 -April 2025

- ✓ Specialized training in React.js, JavaScript, HTML/CSS, and responsive design
- ✓ Capstone Projects: Built many rojects in most of the weeks of the path, finally interactive Music library platform using React.js and REST APIs.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Go (Learning)
- **Frameworks & Libraries:** React.js, Next.js, Redux , Express.js, Node.js
- **Databases & APIs:** MongoDB,Mongoose, Supabase, REST APIs
- **Authentication :** JWT,Context API, BetterAuth (Authentication)
- **Tools & Platforms:** Git, Chapa (Payment Gateway),vercel, Render
- **Core Concepts :** Responsive design, Cross-browser compatibility, Peerformance Optimization
- **Methodologies & Soft Skills:** Agile Development, Problem-Solving, Team Collaboration

WORK EXPERIENCE

Frontend Developer (Project-Based)

February 2025 – March 2025

UN-ET Gondar Chapter Website – Gondar, Ethiopia (Remote)

- ❖ Developed a responsive website using React.js and Tailwind CSS, featuring accessible landing, about, teams, events, and contact pages for users.
- ❖ Optimized components for performance and cross-device compatibility, reducing load time.
- ❖ Collaborated with stakeholders to ensure user-friendly navigation and maintainable codebase.

Frontend Developer Intern

July 2024 – October 2024

Eaglelion Technology Solutions – Addis Ababa, Ethiopia

- ❖ Built a responsive agricultural marketplace using React.js and Tailwind CSS,
- ❖ Integrated RESTful APIs for seamless data exchange between frontend and backend systems.
- ❖ Enhanced SEO and cross-browser compatibility, improving site accessibility and performance.

Developer Intern

June 2024 – October 2024

Esset Tech Company – Addis Ababa, Ethiopia (Remote)

- ❖ Developed JavaScript-based web applications, contributing to multiple client-facing projects.
- ❖ Collaborated in Agile teams to deliver scalable features, improving company engagement by 10%.
- ❖ Debugged and optimized codebases, ensuring robust functionality across platforms.

Projects

Event Easy Platform

Professional event management platform for seamless event discovery and registration.

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js), context API, JWT, Google Sign-In, Chapa, Vercel & Render

- ✓ Applied MERN stack to develop full-stack event dashboards with CRUD functionality.
- ✓ Designed secure authentication using Google Sign-In and Email/Password flows.
- ✓ Integrated Chapa payment gateway for streamlined event registration.
- ✓ Engineered responsive UI with React.js, ensuring cross-device compatibility.
- ✓ <https://eventeasy-f.vercel.app/>

E-Commerce Platform

Modern online store with dynamic product catalog and secure checkout.

Tech Stack: Next.js, TypeScript, Tailwind CSS, Supabase, BetterAuth, Chapa

- ✓ Utilized Next.js and TypeScript to build scalable shopping cart and checkout features.
- ✓ Implemented Supabase and BetterAuth for secure user authentication.
- ✓ Designed responsive product catalog with Tailwind CSS for modern UI/UX.
- ✓ Integrated Chapa for seamless payment processing.

UN-ET Gondar Chapter Website

Responsive website for United Nations Ethiopia – Gondar Chapter to enhance community engagement.

Tech Stack: React.js, Tailwind CSS, Vercel

- ✓ Developed accessible landing, about, teams, events, and contact pages using React.js.
- ✓ Applied Tailwind CSS for responsive, modern UI/UX design.
- ✓ Ensured cross-device compatibility and clean code maintainability.
- ✓ Collaborated with stakeholders to prioritize accessibility and usability.

MedFayda – Healthcare Management System

Centralized platform for medical records and healthcare provider tools in Ethiopia.

Tech Stack: JavaScript, React.js, Node.js, MongoDB, Express.js, JWT, REST APIs

- ✓ Built secure login and role-based access control using JavaScript and Node.js.
- ✓ Integrated REST APIs for efficient medical data retrieval and updates.
- ✓ Designed user-friendly interfaces with React.js, focusing on usability.
- ✓ Applied MongoDB and Express.js for scalable data management.

Gebeya – Agricultural Marketplace

Marketplace connecting rural wholesalers to urban customers for agricultural products.

Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB

- ✓ Developed product listing and order flow using React.js and Tailwind CSS.
- ✓ Enabled buyer-seller communication with Node.js and Express.js APIs.
- ✓ Designed scalable, responsive frontend for seamless user experience.
- ✓ Utilized MongoDB for efficient product and transaction data storage.
- ✓ <https://gebeya-amber.vercel.app/>

Warka-Academy – School Management System

Platform streamlining administrative processes for schools with role-based access.

Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB

- ✓ Built features for class schedules, roles, and reports using React.js.
- ✓ Implemented CRUD operations and role-based access with Node.js and MongoDB.
- ✓ Designed accessible UI with Tailwind CSS for teachers and admins.
- ✓ Focused on usability and clean code architecture.
- ✓ <https://warka-academy.vercel.app/>

ABFG-Church Website

Dynamic website for Alembank Full Gospel Church to share events and activities.

Tech Stack: TypeScript, React.js, Tailwind CSS, GitHub Pages/Vercel

- ✓ Developed responsive event updates using TypeScript and React.js.
- ✓ Applied Tailwind CSS for clean, community-focused UI design.
- ✓ Ensured scalable, maintainable code with TypeScript best practices.
- ✓ Optimized deployment on Vercel/GitHub Pages for accessibility.
- ✓ <https://alembankfullgospelchurch.vercel.app/>

Personal Portfolio Website

Responsive website showcasing professional projects and skills.

Tech Stack: Next.js, Tailwind CSS, Vercel

- ✓ Designed responsive UI with React.js/Next.js for project showcases.
- ✓ Applied Tailwind CSS for modern, user-friendly branding.
- ✓ Optimized performance and SEO using Vercel deployment.
- ✓ Integrated contact links for professional networking.
- ✓ <https://natiportfolio.vercel.app/>

LANGUAGES :

Amharic - Native

English - Proficient