DAWUD MUHAMMED

FULL STACK DEVELOPER

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ABOUT ME

Full-stack developer and Information Technology student at Bahir Dar University (expected graduation: 2027). I build web applications with PHP, Laravel, React and Next.js, and I enjoy backend work most: database design, authentication and role-based access control. In 2026 I led an 8-person team as an intern at Alyah Technologies, and I built the core features of an online auction platform with my team at the Stark hackathon. I focus on writing clean, simple code and building systems that real teams can use and maintain.

EXPERIENCE

Alyah Technologies | June 2026 - August 2026

Full Stack Developer Intern and Team Lead

- Led a team of 8 developers, while also writing code on the backend and frontend.
- Built core Laravel features: authentication, contracts, invoices, and customer and staff workflows.
- Designed a domain-based structure (inspired by DDD) with 9 business domains and more than 170 permissions.
- Built dynamic role-based access control, so admins can change who can do what without changing code.
- Helped connect the frontend and backend, wrote tests, and joined code reviews.

SKILLS

Languages: PHP, JavaScript, TypeScript

Frameworks & Libraries: Laravel, Livewire, React, Next.js, Node.js, Tailwind CSS, Bootstrap, Alpine.js, Vite

Databases: MySQL, PostgreSQL, Supabase

Backend & Practices: REST APIs, Database Design, Authentication, Role-Based Access Control, DDD-inspired Architecture, Code Reviews

Tools: Git, GitHub, Docker, VS Code, XAMPP

Spoken Languages: English, Amharic

EDUCATION

B.Sc. in Information Technology

Bahir Dar Institute of Technology (BiT), Bahir Dar University | 2023 - 2027 (expected) | GPA: 3.5 / 4.0

Fundamentals of Programming

Five Million Ethiopian Coders | 2024

PROJECTS

LIVE PROJECTS

Cheretanet | React, Next.js, TypeScript, Tailwind CSS, Node.js, Supabase

An online auction platform built with my team at the Stark hackathon, where government and large organizations can publish auctions and verified people and businesses can bid in an open and clear way.

I built the identity, organization, document, deposit and auction features, and the auction state machine, on both the frontend and the backend.

Car Rental Management System | PHP, MySQL, Bootstrap

A web-based system for managing vehicle inventory and customer bookings. It has an admin dashboard where staff manage vehicles, customer data and rental operations.

Personal Portfolio | TypeScript, React, Vite

My portfolio website with a built-in admin area (a headless CMS). I can update my profile, services, testimonials, projects and blog posts without changing the code.

VIDEO DEMOS

Alyah CRM | Laravel, React, MySQL

A full-stack CRM built for Alyah Technologies to manage the whole customer journey: leads, quotations, contracts, invoices, payments, service delivery and customer support. It also includes appointments, a customer portal, subscriptions and reporting.

I worked as Full-Stack Developer and Team Lead on the backend, authentication, role-based access control, database design, APIs, frontend integration, testing and code reviews. The backend is organized by business domain, with detailed permissions and dynamic staff roles.

Mela Support App | Laravel, MySQL, Tailwind CSS

A campus facility management platform where students and staff report maintenance problems and track their requests. It gives a clear workflow for sending problems, managing requests and communicating with administrators.

I built the whole project myself: database design, backend and user interface.

GITHUB PROJECTS

Mekina Bet | Laravel, Alpine.js, Tailwind CSS, MySQL

A full-stack car marketplace that makes buying and selling vehicles easier. It includes secure authentication, vehicle inventory and listing management, and search with filters.

Baza | Laravel, Livewire, Tailwind CSS, PostgreSQL

A peer-to-peer rental marketplace where users can share and rent different assets. It includes user management, asset listings, booking, reviews and dispute management. Chapa payment integration is planned.

More project details and demos: **dawud.pro.et**