



DANYA ABDELLA

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SUMMARY

A passionate Full Stack Developer(Backend Focused) from Ethiopia with strong expertise in Next.js, React, Node.js, Express.js, and MySQL, focused on building modern, scalable web applications. Skilled in backend integration with PostgreSQL and MongoDB, and creating responsive, high-performance interfaces. Familiar with containerizing using Docker, professional using GitHub. I communicate clearly, making sure project requirements and feedback are understood. I am eager to use my analytical skills and creativity to help create innovative software solutions.

WORK EXPERIENCE AND PROJECTS

Learning Management System(Remote)

- Backend developer using Nest.js, Database Postgresql, Swagger for API testing
- Developed and maintain the API's and handled migration and data integrity

E-health (Full-Time Software Developer)

(July 2025 – Present)

- Built and maintained backend systems using Java and PostgreSQL , while also contributing to frontend development with Angular.js.
- Focused on API integration, query optimization, and database design, ensuring scalable and reliable e health operations.
- Collaborated with cross-functional teams to enhance performance tuning and customer experience.

Ibex Technologies and Promotion (Full Stack Developer Internship)

(Summer 2024)

- Built a full-stack e-learning platform using Next.js, Node.js, MongoDB, Cloudinary, and Tailwind CSS.
- Designed and developed RESTful APIs, managed database schemas, and integrated Chapa payment gateway for secure transactions.
- Delivered a functional prototype that improved learning accessibility and user experience.

Projects

- Developed Full Stack e-learning Management System using **Next JS** both for the front and the server side, Cloudinary for file storage and **Mongo DB** to handle the database ([View Project](#))
- Developed Telegram Bot for uploading files using Python. ([View Project](#))
- **The biggest One** : My final year project, I led the design and development of **BahirMart**, a full-stack marketplace platform with a realtime auction system built using **Next.js**, **Socket.IO**, and **Machine Learning**. The platform supports merchant onboarding with national ID and TIN verification, realtime product auctions, location-based recommendations using the **Google Maps API**, and AI-powered fraud product detection and removal. We integrated **Chapa** for secure payments, and delivery tracking, stock management, and refund system. The project was one of the most highly rated by the evaluation panel. ([View Project](#))

EDUCATION

Bachelor of Science Computer Science
Bahir Dar University

May 2022 - Jun 2025

Grade 3.93

ADDITIONAL INFORMATION

.Technical Skills:

Next.js, React, Node.js, Express.js, TypeScript, MongoDB, PostgreSQL, PHP, Java, Angular.js, Firebase, RESTful APIs, Git, Linux.

.Familiar With:

Flutter, Socket.IO, Docker, Postman, Agile methodologies, AI-augmented development tools (Cursor IDE)

.Core Knowledge:

Data Structures & Algorithms, System Design, SQL, C++, Python, HTML, CSS, JavaScript

.Languages:

English(Fluent), Arabic(fluent), Amharic(native).

.Personal Traits:

Punctual, Goal-driven, Time-management, Disciplined, team-work, problem-solver, adaptable and hard working.