Elshaday Dagne Demessie

Fullstack Developer

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🪪 PROFILE

Passionate full-stack developer with a strong foundation in building modern, responsive, and scalable web applications. I transform complex problems into simple, user-friendly solutions while writing clean, efficient code. Committed to continuous learning, collaboration, and delivering high-quality digital products that drive real impact.

💼 PROJECTS

Agazian – Ge'ez Learning Website 🔗
- Built a Ge'ez learning platform with authentication, admin dashboard, and quiz system.
- Implemented user roles for managing courses and content using Next.js and MongoDB.
- Designed responsive UI with Tailwind CSS and glassmorphism design style.

Portfolio Website – Personal Project 🔗
- Designed and developed a personal portfolio website to showcase software projects and skills.
- Includes interactive UI, project demos, and links to GitHub repositories.
- Demonstrates front-end and back-end development skills, along with design and usability focus.

eBook Library – Online Book Platform (Personal Project) 🔗
- Developed a modern eBook platform for reading and managing digital books online.
- Implemented user authentication and dynamic book listing with responsive UI design.
- Optimized website performance using Next.js server-side rendering and lazy loading.
- Designed the homepage with an elegant hero section featuring book collections and minimal layout.

NextJemari – Knowledge Hub Platform 🔗
- an open-source platform
- Built a full-stack knowledge-sharing platform where users can create, publish, and manage MDX-based technical articles.
- Implemented authentication, user profiles, article interactions (likes, bookmarks, comments), and full-text search using Next.js, PostgreSQL, and Prisma.
- Designed a scalable backend with secure APIs, server actions, and role-based access control using TypeScript and NextAuth.js.

🧠 SKILLS

Frontend
- Next.js, React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS

Backend
- Next.js API Routes, Node.js, RESTful APIs, BetterAuth, Server-Side Rendering (SSR), Static Site Generation (SSG)

Database
- PostgreSQL, MongoDB, Prisma ORM, CRUD Operations

🎓 EDUCATION

Addis Ababa University 🔗 | 09/2021 – 06/2025
Computer Science | Addis Ababa

🏠 ORGANIZATION

Sisay Begena Musical Instruments Training Institute 🔗 | 01/2026 – 02/2026
Frontend developer
Designed and implemented a responsive, user-friendly About page for Sisay Begena, showcasing the institution's mission and Ethiopian cultural heritage.

◆ CERTIFICATES

Meles Zenawi Foundation ⊘
Completed a comprehensive program in web and mobile app development, cognitive skills, and UAV technology, gaining hands-on experience with modern digital tools.

Addis Coders Program ⊘
Completed a 4-week intensive program, gaining hands-on experience in Python, problem-solving, and algorithms.