

Endekalu Zemenu

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EDUCATION

Wachemo University
BSc in Computer Science

2024
Ethiopia

SKILLS

Languages: TypeScript, JavaScript, Python, Java, SQL, C/C++
Mobile & Frontend: React Native (Expo), Next.js, React, Tailwind CSS, Shadcn/ui, Framer Motion
Backend & Libraries: NestJS, ExpressJS, Prisma, Socket.io, BullMQ, Chapa API Integration
Databases: PostgreSQL, PostGIS, Supabase, MySQL, Redis
Cloud & DevOps: Docker, Vercel, Firebase Cloud Messaging (FCM), Expo
Other Tools: Git, npm, Yarn, pnpm, Postman, Expo Go, VS Code, Unix/Linux Shell, Swagger/OpenAPI, Zod, ESLint, Prettier

PROJECTS

- ChertEt - GoFundMe for Ethiopia** — *Next.js, Prisma, PostgreSQL, Supabase* 2025
- Developed a crowdfunding platform tailored for Ethiopian fundraisers.
 - Implemented campaign creation, donation processing, and real-time donation goal tracking.
 - Built secure payment workflows and admin moderation dashboards.
- Mentorship Booking Platform** — *Next.js, Prisma, MySQL* 2024
- Developed a mentorship booking platform with mentor availability, real-time scheduling, and client payments.
 - Designed relational Prisma schema and integrated booking, payment, and messaging modules.
- URL Shortener with Access Control** — *Next.js, Neon (PostgreSQL), Clerk, TypeScript* 2024
- Built a URL shortening service with a limit of 5 free links before requiring account signup.
 - Implemented user authentication with Clerk, and user quotas with Neon (PostgreSQL) database.
 - Set up redirect analytics, API rate limits using Next.js API routes, and QR code generation and customization for shortened URLs.
- E-Commerce Application** — *React Native, Supabase, TypeScript* 2024
- Developed a mobile-first e-commerce app featuring product listings, cart management, and checkout.
 - Integrated real-time order tracking, payment confirmation, and push notifications.

EXPERIENCE

- Freelance Full-Stack Developer** 2022 – Present
- Built custom business and mobile applications for local and remote clients using React Native, Next.js, and NestJS.
 - Consulted on database and backend infrastructure setup using PostgreSQL, Supabase, and Docker.

HOBBIES

Playing chess, mentoring programming students, contributing to open-source projects, reading tech blogs, and exploring the Ethiopian tech community.