




# Endekalu Zemenu

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## EDUCATION

<b>Wachemo University</b> <i>BSc in Computer Science</i>	2024 <i>Ethiopia</i>
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## SKILLS

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

<b>ChertEt - GoFundMe for Ethiopia</b> — <i>Next.js, Prisma, PostgreSQL, Supabase</i> <ul style="list-style-type: none"><li>Developed a crowdfunding platform tailored for Ethiopian fundraisers.</li><li>Implemented campaign creation, donation processing, and real-time donation goal tracking.</li><li>Built secure payment workflows and admin moderation dashboards.</li></ul>	2025
<b>Mentorship Booking Platform</b> — <i>Next.js, Prisma, MySQL</i> <ul style="list-style-type: none"><li>Developed a mentorship booking platform with mentor availability, real-time scheduling, and client payments.</li><li>Designed relational Prisma schema and integrated booking, payment, and messaging modules.</li></ul>	2024
<b>URL Shortener with Access Control</b> — <i>Next.js, Neon (PostgreSQL), Clerk, TypeScript</i> <ul style="list-style-type: none"><li>Built a URL shortening service with a limit of 5 free links before requiring account signup.</li><li>Implemented user authentication with Clerk, and user quotas with Neon (PostgreSQL) database.</li><li>Set up redirect analytics, API rate limits using Next.js API routes, and QR code generation and customization for shortened URLs.</li></ul>	2024
<b>E-Commerce Application</b> — <i>React Native, Supabase, TypeScript</i> <ul style="list-style-type: none"><li>Developed a mobile-first e-commerce app featuring product listings, cart management, and checkout.</li><li>Integrated real-time order tracking, payment confirmation, and push notifications.</li></ul>	2024

## EXPERIENCE

<b>Freelance Full-Stack Developer</b> <ul style="list-style-type: none"><li>Built custom business and mobile applications for local and remote clients using React Native, Next.js, and NestJS.</li><li>Consulted on database and backend infrastructure setup using PostgreSQL, Supabase, and Docker.</li></ul>	2022 – Present
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## HOBBIES

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