

CHALA GOBENA

SOFTWARE ENGINEER · FULL-STACK & AI APPLICATIONS

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SUMMARY

Software engineering student and product-minded developer who builds and deploys responsive web products, APIs, and AI-assisted workflows. Strongest in Next.js, React, TypeScript, Python/FastAPI, and PostgreSQL, with hands-on experience taking commerce, hospitality, dashboard, and career-guidance products from idea to live deployment.

TECHNICAL SKILLS

LANGUAGES	TypeScript, JavaScript, Python, SQL, HTML, CSS
FRONTEND	Next.js (App Router), React, Tailwind CSS, Framer Motion, responsive design, accessible UI
BACKEND / DATA	FastAPI, REST APIs, authentication, async Python, PostgreSQL, Supabase, schema design, Redis
AI ENGINEERING	LLM applications, RAG, agent workflows, LangChain, OpenAI APIs, prompt/output contracts, vector stores
DEV TOOLS	Git & GitHub, Docker, Linux, CI/CD, API design, caching, observability, Vercel, Netlify

EXPERIENCE

Independent Product Builder — *Self-directed products & public experiments* 2024 – Present

- Built and publicly deployed a portfolio of commerce, hospitality, analytics, content, SaaS, and AI-guided products using Next.js, React, TypeScript, and Tailwind CSS.
- Created reusable typed components and implemented route-driven filtering, dynamic pages, persistent client state, and explicit loading, empty, error, and success states.
- Improved image-heavy interfaces with Next.js image optimization, responsive sizing, deferred off-screen media, and stable layouts that avoid visual reflow.

Freelance Frontend & Product Interface Developer — *Client websites, dashboards, and MVPs* 2024 – Present

- Translated rough goals into scoped landing pages, dashboards, and MVP workflows, then refined responsive behavior, keyboard access, and mobile spacing.
- Structured dense KPI and inventory views with reusable cards and tables so information remains scannable across screen sizes.

Frontend Developer Intern — *Tech Solutions* 2025

- Implemented responsive React components and UI fixes from design feedback; participated in team code reviews and documented component usage.

Student Project Lead — *Software engineering project teams, Haramaya University* 2023 – Present

- Led small Agile teams from idea to demo: scoped requirements, split implementation work, ran code reviews, and presented working builds.

SELECTED PROJECTS

EthioPath AI Pathfinder — *AI-guided career platform* Live application · 2026

- Built a Next.js platform with multi-step technical assessments, resilient state recovery, dynamic progress roadmaps, and AI-guided career recommendations for Ethiopian students and developers.

Next.js · React · TypeScript · Tailwind CSS · AI workflows

SoleFlow Footwear Store — *Commerce storefront* Live application · 2026

- Implemented shareable URL-based category filtering, dynamic product routes, comparison-ready product cards, and cart/wishlist state that persists across navigation.

Next.js · React · TypeScript · Tailwind CSS · Vercel

Jalo Hotel & Resort — *Hospitality booking experience* Live application · 2026

- Designed date/occupancy availability search, comparable room tiers, categorized gallery and FAQ sections, location guidance, and a staff portal route.

Next.js · React · TypeScript · Tailwind CSS · Vercel

E-commerce Operations Dashboard — *Analytics interface* Live application · 2025

- Built reusable KPI, inventory, and revenue components with a responsive information-dense layout designed for smaller laptops.

React · TypeScript · Tailwind CSS · Charting

EDUCATION

B.Sc. Software Engineering — *Haramaya University, Ethiopia* 2023 – Expected 2028

Coursework: Data Structures & Algorithms, Database Systems, Web Programming, Software Engineering, Object-Oriented Programming, Computer Networks.

CERTIFICATIONS

Artificial Intelligence Fundamentals — Udacity, 2025 • Programming Fundamentals — Udacity, 2025 • Web Programming — Hucisa, 2024