

Engida Lishan

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PROFESSIONAL SUMMARY

Full-stack engineer across fintech, commerce, and AI platforms, with remote work for teams in South Korea, the United States, and Europe, including independent contract work for a California-based AI company. I build the systems around AI agents: release and deployment control planes, browser-based evaluation environments, task assertions, and LLM-as-judge review. I led front-end work for a 500+ merchant B2B platform and built agent tooling for client environments. Strong in TypeScript, Next.js, Python, FastAPI, PostgreSQL, and GCP.

CORE COMPETENCIES

Full-Stack Engineering · AI Agent Platforms · Release and Deployment Automation · LLM Evaluation and Rubrics · React / Next.js / TypeScript · Python / FastAPI · PostgreSQL / pgvector · GCP / AWS / Docker / CI-CD

WORK EXPERIENCE

Full-Stack Developer & AI Engineer · Turing Remote · November 2024 - September 2026

- Built the release control plane for an internal agent evaluation platform: GitHub repo registration, GCP Cloud Build, release branches and tags, Cloud Run deploys, and live build logs.
- Added redeploy and cancel controls, back-merge tracking, access walls, notifications, audit history, and release notes.
- Built task and prompt workflows, assertion-based state checks, rubric scoring, LLM-as-judge review, golden runs, and batch end-to-end runs.
- Worked across support desk, email, CRM, and sales environments, with client variants for NVIDIA, Amazon, Salesforce, and Microsoft.
- Kept runs reproducible with clean starting state and access scoped per environment.

Senior Front-End Developer · Kifiya Financial Technology Addis Ababa, Ethiopia · August 2023 - November 2024

- Led front-end development for a B2B commerce platform serving 500+ retailers and merchants, built with Next.js 14, TypeScript, Redux, and TailwindCSS.
- Cut page load times by 30% and raised merchant adoption by 25% through a modular front end, server rendering, and real-time data sync with the App Router and React Server Components.
- Connected the front end to Node.js and PostgreSQL APIs, and automated AWS releases, cutting release cycles by 50%.

Software Developer · Kepler Lab South Korea (Remote) · January 2023 - December 2023

- Led front-end architecture for an AI sound processing web app using Next.js 13+, React 18, and TailwindCSS.
- Connected OpenAI APIs and AWS Lambda for audio analysis, and cut render time by 40%.

Lead Front-End Developer · JaktTech Engineering Addis Ababa, Ethiopia · September 2022 - November 2023

- Built enterprise web apps for banks and insurance companies, improving internal operations by 30%.
- Developed an SMS gateway management system used across multiple organizations.

Front-End Developer · 2F Capital Addis Ababa, Ethiopia · March 2021 - September 2022

- Built a taxi platform with 100,000+ users and 50,000+ transactions, including an admin view for 42,000+ driver records.
- Worked on Sewasew, an Ethiopian music streaming web app, building subscription management and the web listening experience.

Full-Stack Developer · UpScale Addis Ababa, Ethiopia · March 2019 - January 2021

- Built a school management web app that improved student engagement by 30%.
- Built an admin dashboard and landing page for Adama FC, improving fan engagement by 40%.

PROJECTS

Vector Search Studio

pgvector-backed semantic search demo with HNSW indexing, cosine distance, a React and TypeScript UI, tests, and CI. Handles typo-tolerant retrieval over Supabase documentation.

PostgreSQL | pgvector | HNSW | React | TypeScript | CI

[Pocket Approve](#)

Self-hosted tool for approving coding-agent permission prompts from a phone or desktop, with no account and local-first state.
Self-hosted | local-first

[Payload Cache Service](#)

FastAPI caching service with SQLAlchemy and PostgreSQL.
Python | FastAPI | SQLAlchemy | PostgreSQL

[Serpentine Arcade](#)

Offline-first PWA with retro games controlled by TV remotes and gamepads.
PWA | offline-first

EDUCATION

Bachelor's Degree in Computer Science and Engineering
Adama Science and Technology University
2020

SKILLS

Languages: TypeScript, JavaScript, Python
Front end: React, Next.js (App Router, React Server Components), Redux, TailwindCSS
Backend: Node.js, Express, FastAPI, REST APIs, WebSockets
Data: PostgreSQL, pgvector, Prisma, SQLAlchemy, MongoDB
Cloud and delivery: GCP Cloud Build, Cloud Run, AWS (EC2, S3, Lambda), Docker, GitHub Actions, CI/CD
AI: LLM agent tool use, RAG, pgvector retrieval, prompt and workflow design, task assertions, rubric design, LLM-as-judge review, OpenAI API
Front-end quality: Playwright, server rendering, technical SEO, Core Web Vitals