

Gadisa Kanchora Wolde

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PROFILE

Full Stack Engineer building scalable web applications, AI-powered systems, and production-ready infrastructure. Strong across frontend, backend, and DevOps, with experience delivering complete systems from architecture to deployment. Focused on performance, clean architecture, and real-world reliability. Strong problem-solving background with 430+ algorithmic challenges solved.

PROFESSIONAL EXPERIENCE

Full Stack Engineer (Backend-Leaning) Nov 2025 – Present
Digital Balance 🌐 Luanda (Remote)

- Own backend-heavy development for a production SaaS platform
- Build APIs and services using FastAPI and modern web architectures
- Work across system design, integrations, and production releases
- Handle real-world deployment, monitoring, and reliability concerns

Full Stack Engineer (Freelance) Aug 2025 – Present
Upwork 🌐 Remote

- Delivered full-stack systems end-to-end (design → development → deployment → support)
- Built backend-heavy applications with APIs, automation workflows, and third-party integrations
- Designed and deployed full email systems (Mailcow) with SMTP/IMAP, queues, retries, and deliverability optimization (SPF, DKIM, DMARC, DNS)
- Managed deployments using Docker, CI/CD, and cloud infrastructure (AWS-ready)

Web Developer Dec 2024 – May 2025
ReiSearch 🌐 USA (Remote)

- Improved page load speed by ~30% using lazy loading strategies
- Reduced route load times by ~35% through backend optimization and reusable modules
- Translated complex Figma designs into high-quality UI, reducing development time ~15%
- Built AI-based image filtering using OpenCV to improve data quality
- Collaborated in a remote Agile team using modern dev tools

Software Engineer Nov 2023 – Dec 2024
A2SV (Africa to Silicon Valley) 🌐 Addis Ababa (on site)

- Solved and optimized complex algorithmic problems with engineers from top global companies
- Built real-world applications in team environments focusing on performance and scalability
- Reduced API calls by ~30% using efficient state management and caching strategies

SKILLS

Frontend: React, Next, CSS, Bootstrap, Tailwind CSS, TypeScript | **Backend:** Node, Express, Flask, Python, Java
Databases: SQL, MySQL, PostgreSQL, Supabase, Firebase | **AI:** RAG, LLMs, Vector Search, OCR, Prompt Engineering
DevOps: Docker, CI/CD (GitHub Actions), AWS, Azure, Railway, Linux, DNS, MailCow

PROJECTS

Custom Email System (Mailcow) 🌐

- Built full email infrastructure (SMTP/IMAP, mailboxes, syncing)
- Configured DNS (SPF, DKIM, DMARC) for high deliverability
- Managed deployment, monitoring, and server operations

AI Legal Assistant (RAG System on Azure) 🌐

- Built an AI assistant with **citation-grounded responses** using RAG pipelines
- Implemented document ingestion: upload, OCR, chunking, indexing, and retrieval
- Used Azure services (OpenAI, AI Search, Blob Storage, Document Intelligence)
- Designed backend APIs and interactive chat interface

EDUCATION

B.Sc. in Computer Science May 2022 – Jun 2024
AAU (Top 10th university in Africa, 1st in East Africa) 🌐 Addis Ababa, Ethiopia

Full Stack Web Development (MERN) Nov 2023 – May 2024
Evangadi Tech 🌐 Maryland, USA