Mintesnot Markos

Software Engineer · Addis Ababa, Ethiopia (UTC+3)

Full-stack engineer building products with AI at the core: LLM features, RAG pipelines, and agent workflows that do real work. I care about what makes AI usable in production: reliable APIs, clean data, and systems that hold up.

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EXPERIENCE

Frontend Web Developer · J-Class Solutions 2024 – 2025
Remote · Part-time

Frontend Web Developer · Chainlinx Technologies 02/2023 – 11/2024
Addis Ababa, Ethiopia

- Engineered CRM websites using Nuxt.js, Vue, Tailwind CSS, and Pinia for state management, delivering intuitive interfaces and seamless user experiences tailored to client requirements.

Full-Stack Developer · Eskalate, LLC 06/2022 – 09/2024
Addis Ababa, Ethiopia

- Developed web applications using Next.js, TypeScript, Tailwind CSS, and Redux Toolkit, and wrote type-safe backends with Express.js and TypeScript.

PROJECTS

ፈደል · AI-Powered Assessment & Analytics 06/2025 – Present
Python · FastAPI · OCR (Pytesseract) · LLMs · Microservices · Sentry

- Implemented an OCR-driven pipeline to extract and convert paper-based student exam papers into structured data.
- Contributed to a backend service automating grading and generating student performance analytics.
- Configured Sentry for backend error monitoring and real-time alerting, cutting bug resolution time by 40%.

SalesBuckets · Full-stack AI CRM Platform 10/2024 – 05/2025
Vue.js · Python · LLMs · Twilio API · Chart.js · LangChain · AI Agents

- Engineered a voice-to-insight pipeline using Twilio and LLMs to transcribe calls and perform sentiment analysis, improving lead qualification speed by 25%.
- Built agentic workflows to automate lead extraction and generate hyper-personalized outreach scripts, reducing manual sales preparation time by 15%.
- Integrated WhatsApp, LinkedIn, and Email APIs into Vue.js to centralize messaging, saving agents 5+ hours weekly by removing the need to swap between apps.

PamiFactura · E-Invoicing System for a US-based company 04/2024 – 11/2024
Next.js · TypeScript · Ant Design · CSS Modules · Stripe API · REST APIs · i18n (EN/ES)

- Led a team of 5 engineers, conducting daily stand-ups and code reviews to increase development velocity by 15%.
- Integrated secure Stripe and web-based In-App Purchases (IAP) for managing subscriptions and in-app transactions.

EDUCATION

B.Sc. in Software Engineering · Addis Ababa Science and Technology University (AASTU) 09/2019 – 06/2024

- Relevant coursework: Advanced Data Structures and Algorithms, Object-Oriented Programming, Software Design Patterns, Web Systems Engineering, Distributed and Cloud Systems.

Data Structures and Algorithms · Africa to Silicon Valley (A2SV) 12/2022 – 09/2024

- Solved 600+ challenging data structure and algorithm problems on top platforms.
- Built strong problem-solving fundamentals through A2SV's program preparing African engineers for Silicon Valley standards.

SKILLS

Languages	TypeScript, JavaScript, Python, Go
Web	Vue.js, React, Next.js, Node.js, Express, Django, FastAPI, GraphQL, REST APIs
Databases	PostgreSQL, MySQL, MongoDB, Supabase, Firebase
Tools	Git, Docker, Linux
AI & Automation	LLM Integration, RAG Pipelines, AI Agent Orchestration (n8n), Agentic Workflows