

Mengistu Ashebir

Software Engineer

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PROFESSIONAL EXPERIENCE

Suite solutions group

07/2025 – Present

Software Engineer | Remote

Seattle, USA

- Built and enhanced FinanceIQ, a NetSuite-native FP&A SaaS platform supporting financial reporting, KPI analysis, dashboards, cash-flow insights, forecasting, and variance analysis.
- Developed AI-assisted workflows that transform financial data and natural-language requests into dashboards, report pages, and downloadable PDF reports.
- Delivered full-stack features using Next.js, TypeScript, PostgreSQL, NetSuite APIs, and role-based access controls for secure financial-data workflows.

AzSV | Africa to Silicon Valley

10/2022 – 06/2025

Software Engineer

08/2024 – 06/2025

Addis Ababa, Ethiopia

- Led 5 backend developers across 3 projects, contributing to architecture decisions, API design, task planning, code reviews, and delivery.
- Delivered 10+ production features across backend systems, collaborating with product and engineering stakeholders to ship reliable functionality.
- Mentored 4 software-engineering interns through code reviews, debugging sessions, and backend development guidance.

Software Engineer Intern

09/2023 – 01/2024

- Supported application deployments using Docker, Kubernetes, and AWS.
- Built React user-interface pages and wrote Django unit and integration tests to improve application reliability.

Software Engineering Fellow (DSA Training)

10/2022 – 08/2023

- Completed intensive training in data structures and algorithms, object-oriented programming, problem solving, and collaborative software development.
- Solved 700+ algorithmic problems across LeetCode and Codeforces.

PROJECTS

Bazar (Listing Platform for Products and Services)

- Built 10+ backend features for a marketplace supporting product and service listings.
- Integrated AI-assisted listing workflows and messaging-platform integrations with Telegram and WhatsApp.
- Contributed to backend services for listing creation, discovery, and platform workflows.

AfroChat | Generative AI Search Application | React, FastAPI, PostgreSQL, pgvector

- Built frontend and backend features for a generative-AI chat application with web search, model switching, and document-aware responses.
- Implemented embedding and PostgreSQL vector-search workflows, reducing AI response time by nearly 40% while improving retrieval relevance.
- Developed FastAPI services for model selection, retrieval, embedding generation, and response orchestration.

SKILLS

- **Languages & Frameworks:** TypeScript, Python, Next.js, FastAPI, Django, .NET Core
- **Databases:** MongoDB, PostgreSQL, ChromaDB, Pgvector
- **Cloud & Tools:** AWS, Docker, CI/CD, GCP (Google Cloud Platform)
- **AI:** LLM Integration, RAG, AI Agents, LangChain, LangGraph

EDUCATION

BSc in Computer Engineering

Addis Ababa University 

10/2019 – 07/2024

Addis Ababa, Ethiopia