Estifanos Zinabu

Software Engineer

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EDUCATION

Addis Ababa Science and Technology University , *BSc in Software Engineering* 05/2022 – 07/2026

Africa to Silicon Valley (A2SV) , *Coding Academy(Backed by Google)* 11/2023 – 11/2024

PROFESSIONAL EXPERIENCE

Backend Developer, *Afriwork* 06/2025 – Present
Addis Ababa, Ethiopia

- Built and optimized core backend services that power a platform serving **300,000+ users**.
- Implemented secure, scalable workflows for job posting, applications, and employer operations, contributing to smoother hiring processes that enabled **70,000+** successful placements.
- Collaborated with a cross-functional team to enhance system architecture, reduce bottlenecks, and support the growth of **15,000+ SMEs**.

Machine Learning Intern, *iCog Labs* 02/2025 – 07/2025
Addis Ababa, Ethiopia

- Contributed as an AI research intern at iCog Labs, Ethiopia's pioneering AI and R&D company known for its collaboration with global initiatives like **SingularityNET** and **OpenCog**.
- Collaborated on research-driven projects that blend machine learning with symbolic AI, contributing to real-world implementations in multilingual NLP, knowledge representation, and explainable AI.
- Worked hands-on with **MeTTa**, a symbolic reasoning language used in cognitive architectures, and implemented over 5+ logic-based programs within the ECAN team to simulate intelligent agent behavior and model attention-based decision-making.

Software Engineering Intern, *Eskalate* 07/2024 – 09/2024
Addis Ababa, Ethiopia

- Led a team of 5 mobile developers to develop a starter E-commerce project using Flutter and Dart, delivering a complete, user-ready application.
- Designed and implemented key features to drive engagement, including product listings, interactive user content, and secure login; optimized the platform to support over 1,000 products with a seamless user experience.
- Facilitated weekly sprint meetings, contributing to a 25% increase in project delivery speed through clear feedback and cross-functional teamwork.

PROJECTS

Shopora , *Marketplace Web Application* 12/2025 – 01/2026

- Marketplace web app with tailored dashboards for buyers, sellers, and admins, using Next.js for the frontend and Node.js for the backend.

CVision , *AI Resume Screening System* 07/2025 – 08/2025

- Platform to analyze and rank resumes based on job descriptions and recruiter preferences using NLP and machine learning.

Talk Kinash , *Price comparison platform* 03/2025 – 05/2025

- Built the backend of Talak Kinash, an MVP developed through Safaricom Talent Cloud, integrating AI-powered product recommendations.

Trailwatch , *Trending Movies and TV Shows Platform* 09/2025 – 10/2025

- Cinematic web app for discovering trending movies and TV shows, with personalized recommendations, search, ratings, and trailers.

ACHIEVEMENT & CERTIFICATIONS

Supervised Machine Learning: Regression and Classification , *Coursera* 03/2025

KCNA: Kubernetes & Cloud Native Associate , *CNCF* 06/2025

Backend Developer: Building with Node.js and Express , *Linkedin* 12/2024

SKILLS

Node.js | Express.js | GraphQL | React | Next.js | Python | MongoDB | PostgreSQL | Flutter | Dart