

SAMUEL BEFIKADU FISEHA

FULL-STACK & AI ENGINEER

Addis Ababa, Ethiopia | (+251)-996995878 | sawerkit23@gmail.com | Male

PROFESSIONAL SUMMARY

A highly skilled, creative, and forward-thinking Full-Stack Developer and AI Engineer with a B.Sc. in Computer Science and over 5 years of professional experience designing, developing, and deploying robust, scalable applications. Expert in integrating Artificial Intelligence (LLMs) and workflow automation to build intelligent web and mobile systems. Proficient across a comprehensive modern tech stack, including Angular, React, Node.js, NestJS, Go, .NET, and Spring Boot. Proven track record in full-stack architecture, UI/UX optimization, and cloud deployments on AWS and Ethio Telecom. A collaborative team player dedicated to driving user engagement through clean, performant, and maintainable code.

SKILLS & TECHNOLOGIES

AI & Automation	Large Language Model (LLM) Integration, AI Automation & Prompt Engineering, Workflow Automation (Cursor/.cursorrules), API & Unit Test Auto-Generation
Frontend Development	React.js, Next.js, Angular, Flutter (Mobile), TypeScript, JavaScript, HTML5, CSS3, UI/UX Responsive Design
Backend Development	Node.js, NestJS, Go (Golang), .NET (C#), Spring Boot, Laravel, Python (Django, Flask)
Databases & Cloud	MySQL, MongoDB, PostgreSQL, AWS Cloud Services, Ethio Telecom Infrastructure, Heroku
Systems & Security	Git/GitHub, WordPress, System Administration, Network Security (Cisco), CI/CD, Electronic Maintenance

PROFESSIONAL EXPERIENCE

AI Engineer & Full Stack Developer	Apr 2025 – May 2026
ProductEra LLC	
- Engineered and deployed full-stack web applications seamlessly integrated with advanced AI capabilities. - Architected and implemented LLM integrations and automated AI workflows to optimize application logic and enhance user interaction. - Streamlined internal development pipelines using custom AI automation tools, prompt engineering, and local codebase rules to accelerate code delivery.	

Full-Stack Developer

Aug 2024 – Apr 2025

Taptosign.com (Arizona, Remote)

- Designed and built core system features, ensuring seamless alignment and compatibility with the permanent production infrastructure.
- Resolved critical backend errors and successfully managed frontend-to-backend API integrations.
- Developed and optimized scalable backend services utilizing Go (Golang).

Freelance Full-Stack Developer

Apr 2024 – Present

Upwork

- Successfully executed 9 total contracts on the platform, accumulating over 1,900 hours of tracked, high-quality development work.
- Delivered end-to-end web architectures, tailored API integrations, and intuitive UI/UX system layouts.

Software Developer and Designer (Part-Time)

Nov 2023 – June 2024

Unity University (Ethiopia)

- Architected and developed a comprehensive internal Human Resources (HR) Management System.
- Maintained and optimized the university's Student Information System (SIS) and primary WordPress website.
- Designed external-facing web assets, promotional posters, and formal academic book covers.

Software Developer & Control Specialist (Volunteer)

Oct 2022 – July 2023

Center for Adolescent Girls Health (Ethiopia)

- Designed and implemented a user-friendly WordPress web portal and a highly responsive cross-platform mobile application using Flutter.
- Successfully built and launched 2 Flutter mobile applications, including a specialized feature with integrated AI tools and an official Midwives Technical Guideline app.
- Spearheaded application quality control, leading rigorous testing and debugging phases prior to deployment.

Full-Stack Developer (Freelance Contracts)

Oct 2022 – Oct 2023

Various Clients

- **Health Management Web Application:** Developed an enterprise health management system utilizing Angular for the frontend and a .NET backend.
- **E-Commerce Web Application:** Designed and launched an interactive e-commerce platform using Angular paired with a NestJS backend ecosystem.

IT Technician & System Administrator Intern

July 2022 – Sept 2022

Commercial Bank of Ethiopia

- Managed, maintained, and troubleshooted core enterprise software applications, computer systems, networks, and internal servers.
- Provided high-tier technical support to users while collaborating actively with multi-departmental IT professionals.

Full-Stack Developer Intern

Mar 2022 – June 2022

Dallol Tech (Ethiopia)

- Built dynamic web and mobile applications using Flutter, Angular, .NET, and NestJS.
- Implemented clean state management solutions, integrated sophisticated backend REST APIs, and authored robust frontend unit tests.

EDUCATION

B.Sc. in Computer Science

June 2019 – June 2022

Addis Ababa University (College of Natural and Computational Science)

- **Capstone Project:** "Smart Supply Chain Management for Coffee and Teff in Ethiopia" — Architected an undergraduate project featuring integrated AI algorithms for predictive demand/supply analysis and price forecasting, coupled with real-time GPS location tracking to optimize delivery workflows.

Full-Stack Application Development Graduate

Mar 2020 – Dec 2020

Kagnew Boot Academy

- Intensive software engineering boot camp led by volunteer tech experts from the USA, focusing on scalable engineering practices.

CERTIFICATIONS & TRAINING

- **AI & Machine Learning:** Machine Learning Specialization (Coursera), Basics of Blockchain (FreeCodeCamp)
- **Frontend Development:** Front End Development Libraries (FreeCodeCamp), Responsive Web Design (FreeCodeCamp), React.js (Coursera), Next.js (Coursera), Fundamentals of Angular (Coursera)
- **Backend & Mobile:** Basics of Nest.js (Udemy), Node.js (Udemy), Mastering Laravel Framework (Coursera), Spring Boot (Alison), Basics of Python (Udemy), C# (FreeCodeCamp & Microsoft), Fundamentals of Flutter (Alison)
- **Systems, Security & CMS:** Advanced WordPress Course (Coursera), Endpoint Security (Cisco), Basics of Networking (Cisco), Cyber Security Support Technician (CSST) Career Path (Cisco), Electronics Maintenance (High Class Electronics)

LANGUAGES

- **Amharic:** Native
- **English:** Professional Working Proficiency