

WABI TAFESE

Software Developer & AI Builder

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PROFILE

Self-taught developer and founder building AI products with real users, currently in Grade 11 in Addis Ababa. Founded and shipped Isarion, an AI study platform in closed beta, and built Warden CI, an AI supply-chain security tool live on GitHub Marketplace. National semifinalist, INSA Cyber Talent (Ethiopia's premier cybersecurity competition). Works across the stack — Python, React Native, FastAPI — with a focus on shipping fast and holding a high execution bar.

PROJECTS & EXPERIENCE

Founder — Isarion

2025 – Present

AI-powered personalized learning platform · React Native, FastAPI, LLM APIs, OCR

- Built an AI tutoring engine using the Feynman technique, an OCR pipeline converting photos/PDFs into flashcards, and a spaced-repetition engine adapting review to individual mastery.
- Shipped v1.0.0; currently in closed beta on iOS and Android.
- Designed a full viral growth loop — three native share flows with image rendering (react-native-view-shot) — and a complete referral system with deep-link parsing and one-time redemption.

Creator — Warden CI

2025 – Present

GitHub App for AI supply-chain security · Node.js/TypeScript, GitHub Apps API

- Built a PR-scanning pipeline from scratch: unified diff parser, hallucinated-package detector (npm/PyPI), entropy-based secrets scanner with redaction, and unsafe dynamic-execution checks.
- Implemented GitHub App auth and a Check Run manager for batched result delivery; designed so repository source is never stored.
- Live on GitHub Marketplace.

Builder — AfriVoice AI

2025 – Present

Speech-to-text & NLP for African languages · Python, Hugging Face

- Built speech-to-text and NLP tooling for African languages underserved by major platforms; live as a web app, Android in progress.

SECURITY & RESEARCH

- National Semifinalist — INSA Cyber Talent, Ethiopia's premier cybersecurity competition.
- Conducted an OSINT investigation into abusive online infrastructure, reported for takedown.
- Completed an authorized red-team exercise.

ADDITIONAL PROJECT

- RK4 Planetary Motion Simulation — orbital mechanics simulation using 4th-order Runge-Kutta numerical integration (Python, NumPy, Matplotlib).

EDUCATION

Kotebe University of Education Menelik I Science Shared Campus

Grade 11 · Expected graduation [year] | Addis Ababa, Ethiopia

SKILLS

Python · React Native · JavaScript/TypeScript · FastAPI · Node.js · LLM Integration & Prompt Engineering · OCR · NLP · Machine Learning · Firebase · Git/GitHub · Kotlin · OSINT & Threat Intelligence

CERTIFICATIONS

- Supervised Machine Learning — DeepLearning.AI
- Foundations of Cybersecurity — Google
- Project Management Fundamentals — Google
- Python for Everybody — University of Michigan
- Data Analysis with Python — University of Michigan
- Android Basics & Android with Kotlin — Google / Five Million Coders
- AI Fundamentals — Five Million Coders

HONORS & AWARDS

- Grade 8 Completion — 99.3 Percentile, Addis Ababa City Administration Education Bureau (2024)
- Academic Excellence Award, Top Student Ranking — Woreda 12 Education Office (2023–2025)