Gelila Nebiyu

Software Engineering Student

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EDUCATION

Bachelor of Science – Software Engineering   2021 – 2026 | A.A, Ethiopia
ADDIS ABABA SCIENCE AND TECHNOLOGY UNIVERSITY 🔗

Highschool diploma   2017 – 2021 | A.A, Ethiopia
SOUTH WEST ACADEMY

EXPERIENCE

AI Intern   06/2025 – 08/2025
Ethiopian Artificial Intelligence Institute   Wolo Sefer, Addis Ababa

During my internship as an AI intern, I worked on an Optical Character Recognition (OCR) project focused on extracting text from images and scanned documents. This experience strengthened my understanding of AI pipelines, computer vision fundamentals, and practical problem-solving within real-world data environments.

AI team   09/2025 | A.A , Ethiopia
OneHR Solutions

I also contributed to the *OneHR* project, where I supported tasks related to HR data processing and workflow optimization incorporating a chatbot. My responsibilities included assisting with data organization, validating employee information, and helping streamline internal processes to improve efficiency and accuracy. I collaborated with team members to identify gaps in the existing workflow and helped implement small but meaningful improvements.

Innovator   12/2024 – 01/2025 | A.A, Ethiopia
Women Startup Founders Program, Ministry of Labor and
Skills, INNOBIZ-K Ethiopia

As the one of the innovators behind *Alora*, I participated in the Women Startup Founders Program, I gained valuable mentorship, business development training, and secured wisdom to begin turning vision into a scalable tech-driven solution.

SheCodes Trainee   05/2024 – present
SHECODES

Completed SheCodes workshops, gaining hands-on experience in HTML, CSS, JavaScript, and responsive web design. Built interactive projects, enhancing front-end development skills and problem-solving abilities.

SKILLS

Programming Skills
Python, HTML, CSS, Javascript, Node.js, PHP, C++

Other Skills
Tech support, UI/UX Designing, Software Testing

Soft Skills
Strong Collaboration/Teamwork, Active Communication, Problem Solving and Organizational Skills

CERTIFICATES

- Web Development – SheCodes
- AI Fundamentals – IBM
- Data Analysis Fundamentals - Udacity
- Technical Support Fundamentals – Google
- Technology Entrepreneurship - HarvardX

PROJECTS

OCR

Optical Character Recognition

During my time as an AI intern, I contributed to the development of an Optical Character Recognition (OCR) system designed to extract and digitize amharic text from images and scanned documents. My work involved preparing and organizing training data, refining image samples, and performing detailed annotation to support model development. I worked with tools such as **Python**, **OpenCV** for image preprocessing, and **YOLO, CRNN + CTC Loss** for text extraction and model evaluation. I implemented preprocessing steps including noise removal, thresholding, and text-area segmentation to enhance the clarity and accuracy of the input data. I also helped assess model outputs, diagnose recognition errors, and fine-tune processing pipelines to boost overall performance. This project strengthened my understanding of computer vision workflows, end-to-end AI development, and the practical challenges of working with real-world image datasets.

Alora

Fashion E-commerce Website

A sustainable e-commerce platform that empowers small and local businesses by offering an affordable, AI-driven marketplace for products.