

# ZAKARIE HASSAN ABDI

## CONTACT

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- zakihasanabdi443@gmail.com
- Mogadishu, somali

## SKILLS

- Programming: HTML, CSS, JavaScript, Python
- Frameworks: React, Next.js,
- AI & ML: Wav2Vec2.0, Hugging Face Transformers (TACAB AI Project)
- Tools: Git, GitHub, VS Code, Google Colab

## LANGUAGES

- Somali – Native / Fluent
- English – Fluent (speaking, reading, and writing)
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## REFERENCE

Ahmed Osman Ali/ Vice-Rector ZAM ZAM UNIVERSITY, AI Somalia Co-Founder and President

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## PROFILE

Computer Science graduate with strong skills in web development and AI. Experienced in building responsive websites and AI-powered applications through academic and personal projects. Eager to contribute technical expertise, problem-solving, and teamwork skills in a professional environment.

## PROJECTS

### TACAB AI - Somali Agriculture AI Project

2024 - PRESENT

- Developed an AI-powered system for Somali farmers using Python and Hugging Face models.
- Created a dataset of Somali audio and corresponding transcripts for speech-to-text tasks.
- Fine-tuned Wav2Vec2.0 for Somali ASR (Automatic Speech Recognition) to improve local language support.
- Gained hands-on experience in data preprocessing, model training, and deploying AI solutions for real-world applications.
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## EDUCATION

### High School

2014 - 2021

Albirri primary and secondary school

### Bachelor's Degree in Computer Science

2021 - 2025

Zam Zam University of Science and Technology

## CERTIFICATIONS & ACHIEVEMENTS

- Completed CS50x (Harvard's Introduction to Computer Science)
- Participated in PyCon Somalia 2024 (focus: Python & AI)
- Full Stack Web Development Course (HTML, CSS, JavaScript, React, Next.js)