

# 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 |
| <ul style="list-style-type: none"><li>Developed an AI-powered system for Somali farmers using Python and Hugging Face models.</li><li>Created a dataset of Somali audio and corresponding transcripts for speech-to-text tasks.</li><li>Fine-tuned Wav2Vec2.0 for Somali ASR (Automatic Speech Recognition) to improve local language support.</li><li>Gained hands-on experience in data preprocessing, model training, and deploying AI solutions for real-world applications.</li><li></li></ul> |                |



## 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)