

## Mohamed Abdi Ahmed

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**GitHub:** [github.com/mohatech008](https://github.com/mohatech008)

## Professional Summary

Computer Science student passionate about software engineering and cybersecurity. Skilled in system development, mobile app development, and cloud computing. Seeking opportunities to apply technical expertise and leadership skills in a dynamic environment.

## Education

### Bachelor of Science in Computer Science

Catholic University of Eastern Africa (CUEA) | 2022 - Present

Maranda High School | 2018 - 2021

Ademasajida Primary School | 2010 - 2017

## Technical Skills

- **Programming Languages:** Python, Java, JavaScript, C++
- **Web Development:** HTML, CSS, React.js, Node.js
- **Mobile Development:** Flutter, Android Studio
- **Database Management:** MySQL, Firebase, PostgreSQL
- **Version Control:** Git, GitHub
- **Cybersecurity:** Network Security, Ethical Hacking Basics
- **Cloud Computing:** AWS, Google Cloud

## Projects

### Password Generator App

- **Tech Stack:** Flutter, Kotlin, Java, React Native
- Developed a secure password generator with customizable settings.
- Ensured offline functionality and optimized performance.

**Real-Time Route Optimization Traffic Monitoring System** (*Nairobi*)

- **Tech Stack:** Python, Google Maps API, Machine Learning
- Designed a traffic monitoring system to optimize routes and reduce congestion.
- Integrated GPS tracking and predictive analysis.

### **Recipe Finder (Mobile App)**

- **Tech Stack:** Flutter, Firebase
- Built an app that suggests recipes based on available ingredients.
- Implemented authentication and real-time database features.

### **Enkaj Homes – Property Listing Website**

- **Tech Stack:** React, Node.js, Firebase, PostgreSQL
- Collaborating on a real estate platform with backend and testing responsibilities.

## **Work Experience**

### **Wholesale Business Manager**

- Managed inventory and logistics, reducing stock discrepancies by 20%.
- Implemented a digital record-keeping system for operational efficiency.

## **Leadership & Extracurricular Activities**

### **Chairman, Islamic Society of CUEA**

- Organized societal meetings, team-building events, and outreach programs.
- Led fundraising initiatives and Friday challenges.

### **Tech Club Member**

- Engaged in hackathons, coding competitions, and mentorship programs

## **Languages**

- English
- Swahili
- Somali
- Arabic

## **Interests**

- Software Engineering
- Cybersecurity
- AI & Machine Learning

## **References**

**Ibrahim Bashir Abdisalan**

Director, Alharamain Make Traders Limited

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