ABDILAH ABDULKARIM AHMED

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Computer Science student with a strong foundation in software engineering, web development, artificial intelligence (AI), and machine learning (ML). Passionate about applying technology to come up with innovative solutions to real-world problems.

TECHNICAL SKILLS

✅ **Programming Languages**: Python, JavaScript, HTML, CSS

✅ **Web Development**: React.js, Node.js, Django

✅ **AI & Machine Learning**: TensorFlow, OpenCV, Scikit-learn

✅ **Database Management**: MySQL, Firebase

✅ **Cloud Technologies**: Google Cloud, AWS (Basics)

✅ **Version Control**: Git, GitHub

✅ **Data Analysis & Visualization**: Pandas, Matplotlib

EDUCATION

🎓 **Bachelor of Science in Computer Science**

The University of Nairobi, Kenya | 2021 – Present

🎓 **Secondary Education**

Light Academy Boys Secondary School, Nairobi, Kenya | 2015 – 2018

🎓 **Primary Education**

Nguza English Medium Primary School, Morogoro, Tanzania | 2007 – 2013

RELEVANT PROJECTS & EXPERIENCE

1. AI-Powered Crop Disease Detection System

- Developed a machine learning model using TensorFlow to identify common crop diseases from images.
- Integrated computer vision techniques for real-time diagnosis.
- Designed a web-based interface for farmers to upload images and receive feedback.

2. Web-Based Farm Management System

- Developed a full-stack web application for farm data management.
- Farmers could log crop yields, track expenses, and analyze trends.
- Technologies: React.js, Node.js, MySQL.

INTERNSHIP & VOLUNTEER EXPERIENCE

Tech Volunteer – Local Agriculture NGO (If Any)

- Assisted in **digitizing farm records** using simple web applications.
- Provided basic **IT support** and trained local farmers on **digital tools** for better productivity.

CERTIFICATIONS & TRAINING

📜 **IBM SKILLS BUILD -** AI Fundamentals Guided Learning With Capstone - in progress.

📜**PLP AFRICA PROGRAM -** Software Development - in progress

LANGUAGES

- English – **Fluent**
- Swahili – **Native.**