Infinite Loop

FarmBot

AI powered Robot

By

Sam Kodo

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Challenges in African Agriculture

PROBLEM

Problem 01
80% of farming in Africa is small-scale and labor-intensive.

Problem 02
Crops diseases reduce crop yields by up to 50%, leading to food insecurity.

Problem 03
Human inspection is laborious, time-consuming, and contributes to farmer fatigue.

Objective 04
Current solutions are expensive and not tailored for smallholder farmers.

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SOLUTION

- An autonomous robot that detects pest diseases autonomously.
- Send instructions to farmers via offline solution in their local languages .
- Low-cost, low-maintenance, and designed for rugged rural environments.

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Annual Crops losses caused by pests, weeds, and diseases are estimated to exceed

40%

According FAO

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BUSINESS MODEL

Innovation

Detection and localization of infected area in the crops to be share to farmers .

Subscription

With £7.6/ Month, the farmer will receive notifications via SMS or WhatsApp, including precise instructions in local languages based on data from their farm.

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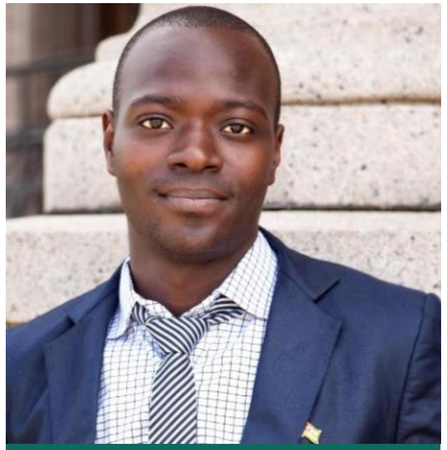
OUR TEAM



Sam Kodo

Co-Founder and CTO

Built his first Robot at 11 years old . Has more than 9 years of experience in Artificial Intelligence and Machine Learning .

Yannick Mensah

Co-Founder

Electrical Engineer

Has a PhD in Electrical Engineering , and strong background experiences in electronic and programming.