

# Project MajiNet

MajiNet aims to enhance connectivity in rural East Africa using AI-powered solutions to improve healthcare, education, and economic opportunities.

As part of the broader Victoria Sentinel initiative, it leverages advanced technologies to monitor and conserve Lake Victoria, ensuring environmental protection and sustainable development in the region



## Problem definition.

- Poor connectivity in rural East Africa, especially around Lake Victoria, limits access to essential healthcare and education that require internet connectivity.
- Investments mainly focused in urban areas, widening the digital divide.
- Weather disruptions further impact network reliability, hindering projects like Victoria Sentinel.



# Solution

- AI to dynamically manage bandwidth and predict maintenance needs.
- Multilingual AI services to overcome language barriers.
- Scalable model to support reliable data processing and real-time monitoring for projects like Victoria Sentinel.



## Tech Category Tags:

- AI-Powered Connectivity
- Healthcare Access
- Education Access
- IoT Technology
- Sustainable Growth
- East Africa Development
- Rural Connectivity
- Digital Access
- Secure Internet access





# How it Works

- ❖ Analyzes geospatial data for optimal network placement.
- ❖ Adjusts bandwidth based on real-time traffic and predicted demand.
- ❖ Predicts hardware failures through system log analysis.



# Market

- ★ TAM: Rural East Africa with poor connectivity.
- ★ SAM: Healthcare and education sectors around Lake Victoria.
- ★ Significant investments in Kenya's startup ecosystem (\$638 million in 2024, which represents 29% of Africa's total startup funding) highlight potential for growth.



## Revenue Streams.

- ❑ Subscription services to ISPs for reliable internet access and management.
- ❑ Government and NGO partnerships for funding.
- ❑ Licensing AI technologies to other regions.



# Competitive edge.

Examination of the competitive landscape, emphasizes MajiNet's focus on:

- ❑ AI.
- ❑ Scalability.
- ❑ Multilingual support.
- ❑ Cost-effectiveness.





# MajiNet's Vision

Vision for the future of MajiNet, including plans for:

- ★ Scalability across East Africa.
- ★ Enhancement of living standards.
- ★ Development of resilient infrastructure.



Join us in bridging the digital divide with MajiNet!

Support our mission to enhance connectivity in rural East Africa, transforming lives through AI-powered solutions for better healthcare, education, and economic opportunities.

Together, we can create a connected and thriving future for underserved communities.

