



**AFYACLOUD HEALTH DATA
SOLUTIONS**

Fast, Reliable Health Data

Presented by Edwin Murimi, Founder & Lead
Developer of AfyaCloud

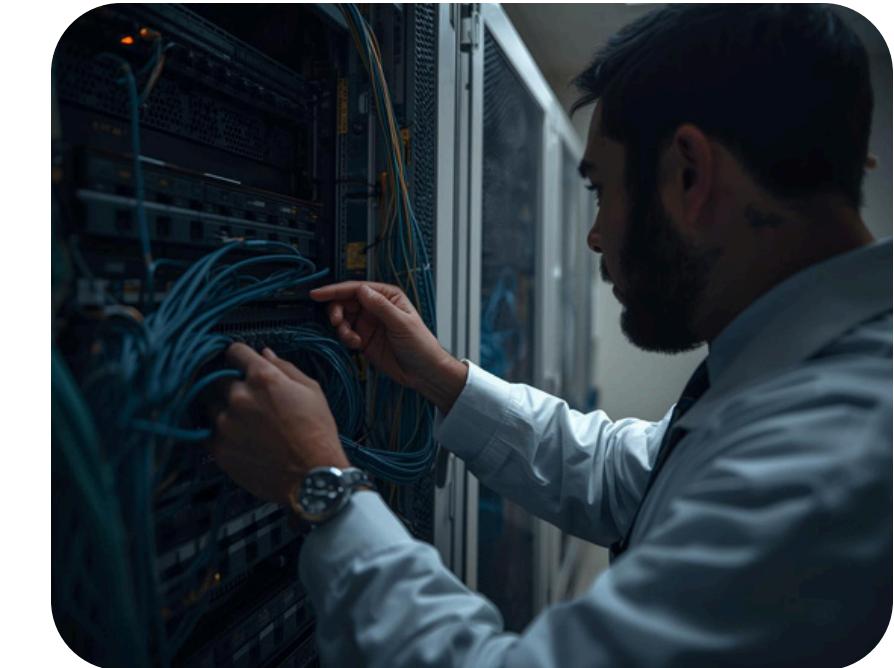
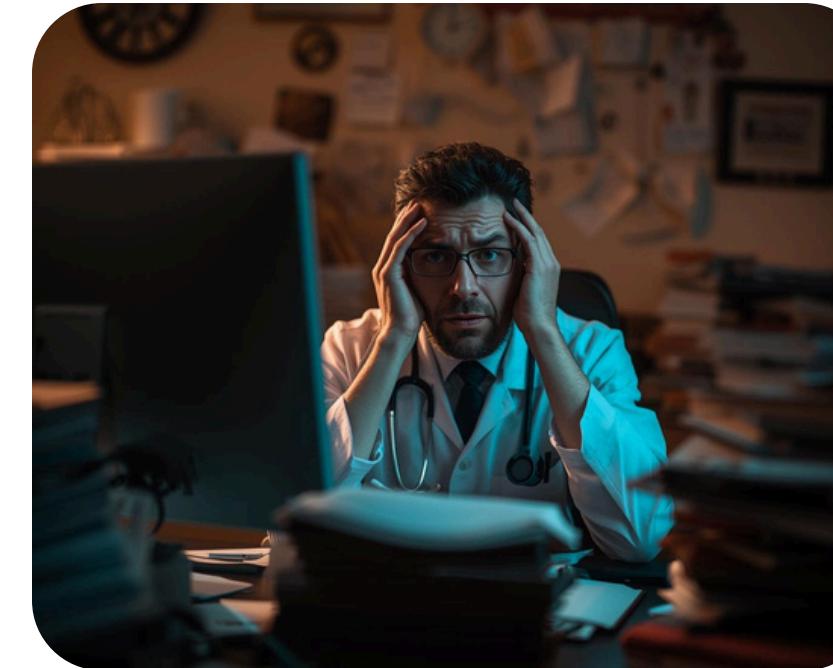


AfyaCloud Mission

AfyaCloud is dedicated to providing **reliable health data access** even in low-resource settings. By leveraging a cloud-based, offline-first platform, we ensure that healthcare providers can manage and sync patient information efficiently. Our solution aims to overcome common challenges such as outdated devices and poor internet connectivity, ultimately improving healthcare outcomes across Kenya's diverse environments.



Key Healthcare Data Challenges in Kenya



Outdated Devices

Hospitals rely on **obsolete technology** for patient care.

Slow EMR Systems

Healthcare providers face **inefficiency** due to sluggish systems.

Poor Internet

Unreliable connectivity **hinders data uploads** to databases.

Challenges in Health Data Management



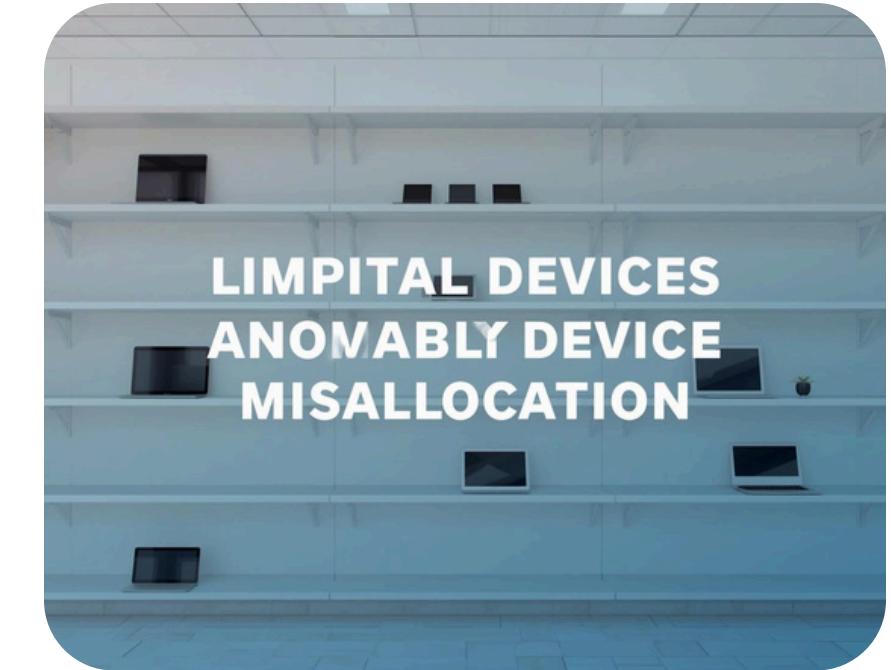
Device Loss

Devices frequently go missing, impacting healthcare efficiency.



Data Backlog

Outdated systems cause significant delays in data processing.



Device Misuse

Improper use of devices leads to security issues.



Data Caching

Local storage ensures offline data access and reliability.



Secure Compression

Advanced techniques protect data while minimizing size.



Auto-Sync

Seamless integration with national databases enhances efficiency.



Device Tracking

Monitor equipment usage and ensure accountability in facilities.



Performance Analytics

Insights into system efficiency and patient care improvements.



User-Friendly Design

Intuitive interface tailored for real-world healthcare practices.



Offline-First

01

Web App

Provides a responsive interface for healthcare providers, ensuring accessibility and ease of use in low-resource settings.

02

Offline Storage

Utilizes IndexedDB and SQLite to securely store data locally, allowing uninterrupted access even without internet connectivity.

03

Data Compression

Employs advanced compression techniques to reduce data size, enhancing sync efficiency and minimizing bandwidth usage.

04

Cloud API

Integrates seamlessly with cloud services, enabling auto-sync of patient data to national databases once connectivity is restored.

05

Device Tracking

Monitors healthcare devices in real-time, ensuring accountability and reducing instances of equipment loss or misuse.

06

Analytics Dashboard

Provides insights into data use and system performance, empowering healthcare providers to optimize operations and decision-making.

Device Tracking



AfyCloud's **device tracking** and performance analytics dashboard streamlines health data management by providing real-time insights into device usage, connectivity, and data integrity. This innovative feature enables healthcare providers to monitor assets, ensuring accountability and reducing device loss. The intuitive interface is designed for low-resource settings, empowering users to make informed decisions based on reliable data.

Market Opportunity & Competitive Advantages



Target Market

Hospitals and clinics form a key customer base.



Market Size

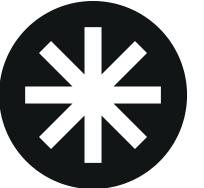
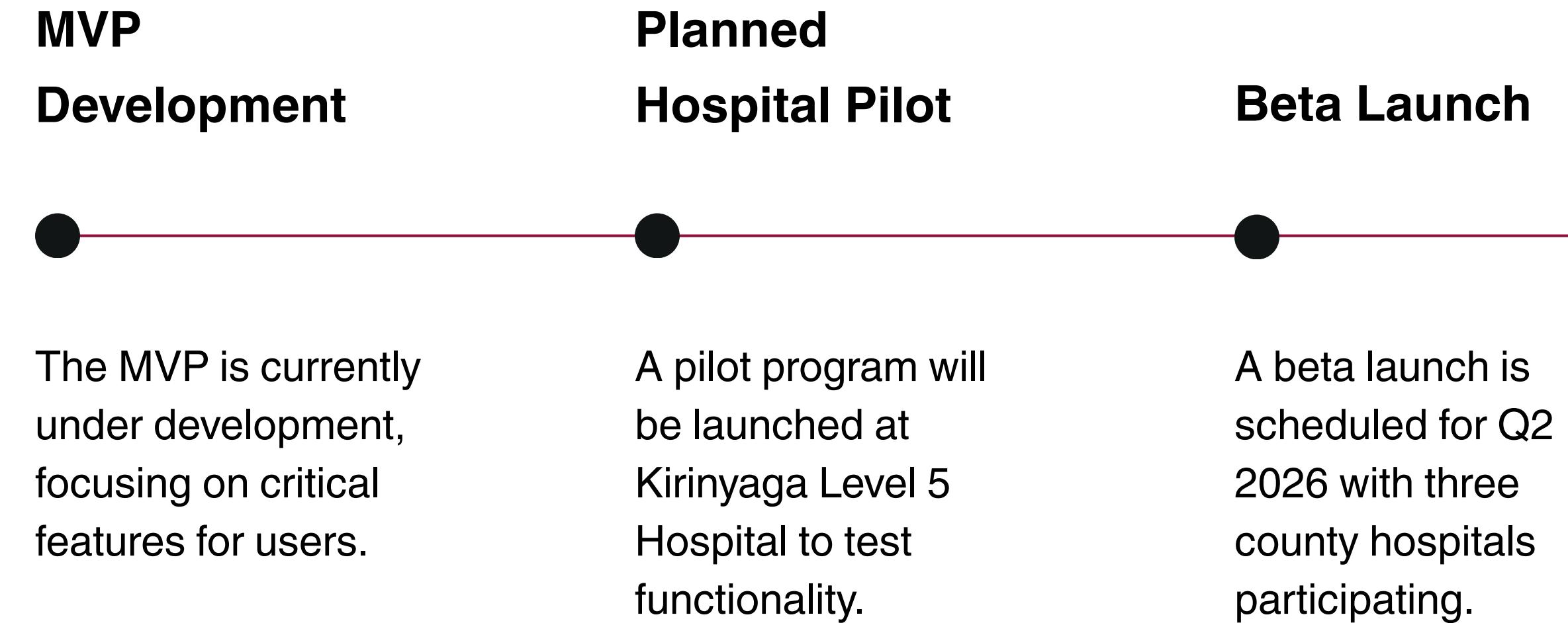
Over 6,000 facilities represent significant growth potential.



Competitors

Key players include KenyaEMR and OpenMRS.

Traction and Roadmap



Business Model



AfyaCloud operates on a **tiered SaaS subscription model** designed for various facility sizes and user needs. This model allows hospitals and clinics to select the most suitable package, ensuring they receive tailored support and features. Additionally, API integrations offer seamless connectivity for NGOs and health systems, while add-on analytics and reporting dashboards enhance data insights, driving better patient care and operational efficiency.

Funding Ask: \$200,000

Seed Funding



Funding

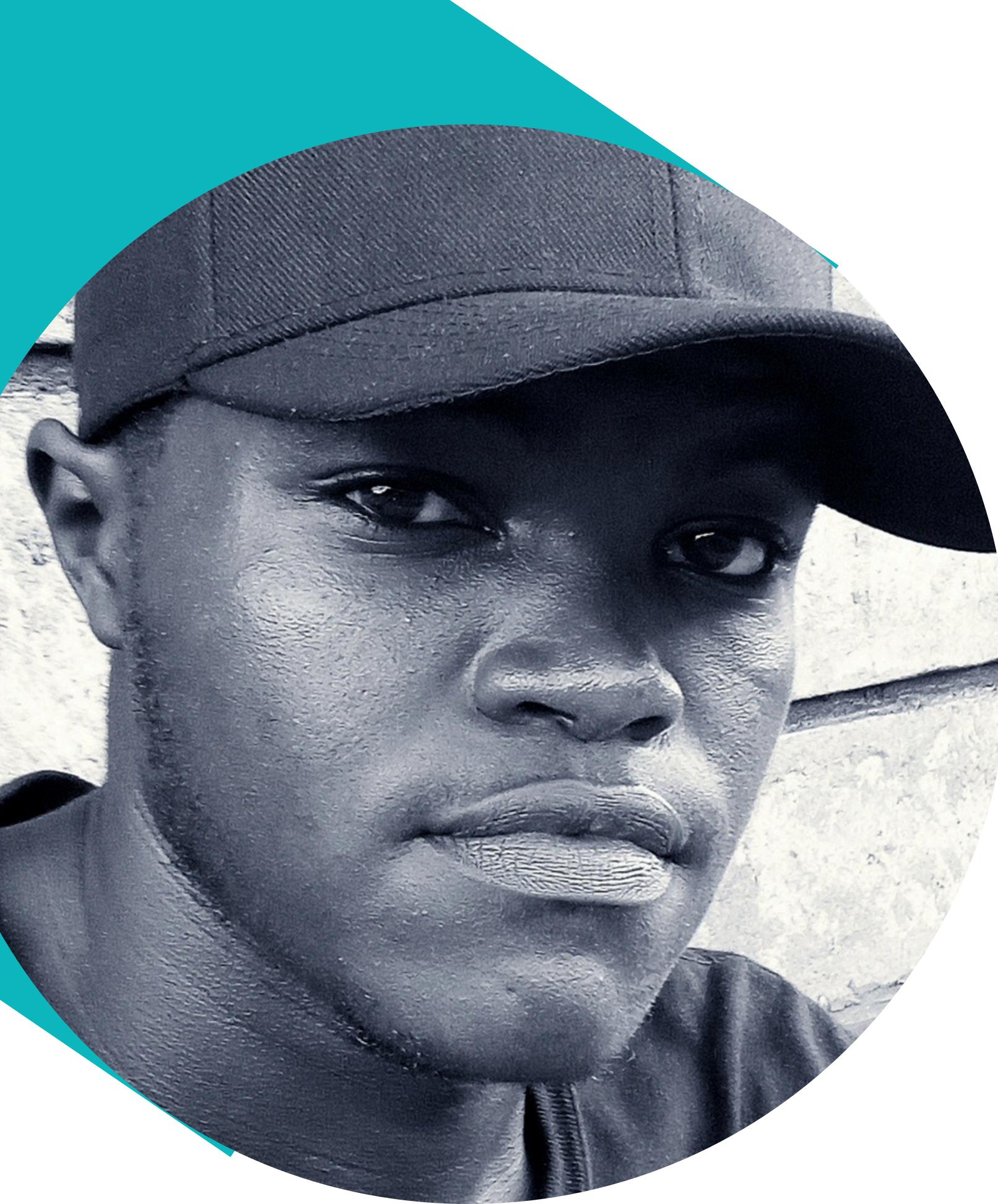
To complete the MVP and launch pilots.

Team

Experienced professionals in health informatics and IT.

Infrastructure

To scale services and enhance data management.



Meet the Team

Edwin Murimi is the **founder and lead developer** of AfyaCloud, bringing extensive experience in healthcare IT and digitization. His vision is to bridge the gap in health data management for providers in low-resource environments. With a focus on **reliable solutions**, Edwin is dedicated to enhancing healthcare delivery and improving patient outcomes through innovative technology and strategic partnerships.

Contact Us

TRANSFORM HEALTHCARE



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