

# MAA CONNECT+

[HTTPS://GITHUB.COM/SUDOKIARIE/MAA\\_CONNECT](https://github.com/sudokiariie/maa_connect)



## Maa Connect+

Introducing Maa Connect+, an innovative solution for empowering underserved communities in managing their own network infrastructure. This presentation will explore the problem, solution, and potential impact of Maa Connect+.



# The Challenge of the Digital Divide

## Language Barriers

Limited understanding of technical language hinders effective network troubleshooting and knowledge acquisition.



## Lack of

Current solutions often fail to equip communities with the skills and tools to manage their networks independently.





## Solution

Maa Connect+ is a multilingual AI-powered network management assistant designed for rural and remote communities. It provides accessible learning resources and empowers users to address simple network issues independently.





# Key Features of Maa Connect+

## Network Learning Platform

Offers user-friendly resources to help users understand network management concepts and best practices.

## AI Network Assistant

Provides step-by-step guidance for troubleshooting and fixing common network issues.

## Multilingual Support

Ensures accessibility by supporting multiple languages, catering to the linguistic diversity of target communities.

# Additional Key Features

1

Lightweight and  
Efficient

Designed for  
low-resource  
environments, requiring  
minimal computational  
power.

2

Adaptability

Configurable for diverse  
network setups and  
requirements, making it  
suitable for a wide range  
of environments.

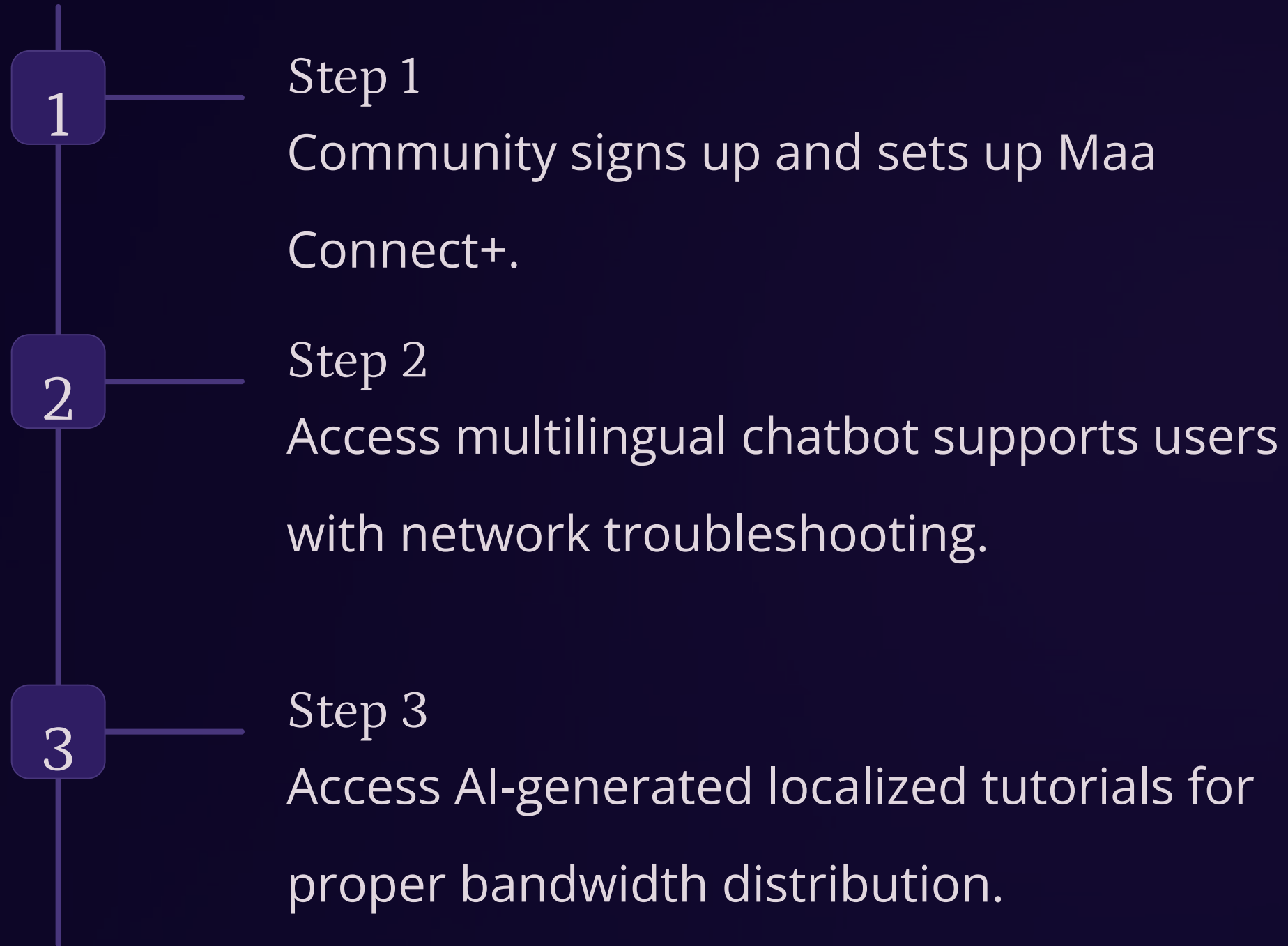


# Technology Stack

Maa Connect+ utilizes a robust technical stack to deliver its functionality. Key components include:

- AI Models: TinyLlama, Hugging Face Transformers
- Backend: Python, Flask
- Frontend: HTML, CSS, Javascript, React
- Deployment: Render, Netlify
- Version Control: Git, GitHub

# How Maa Connect+ Works





# Example Use Cases



## Rural Schools

Teachers troubleshoot connectivity issues in local  
Students benefit from languages.  
uninterrupted access to educational content.



## Community Networks

Local technicians monitor and distribute bandwidth fairly.  
Community members trained to sustain the infrastructure.

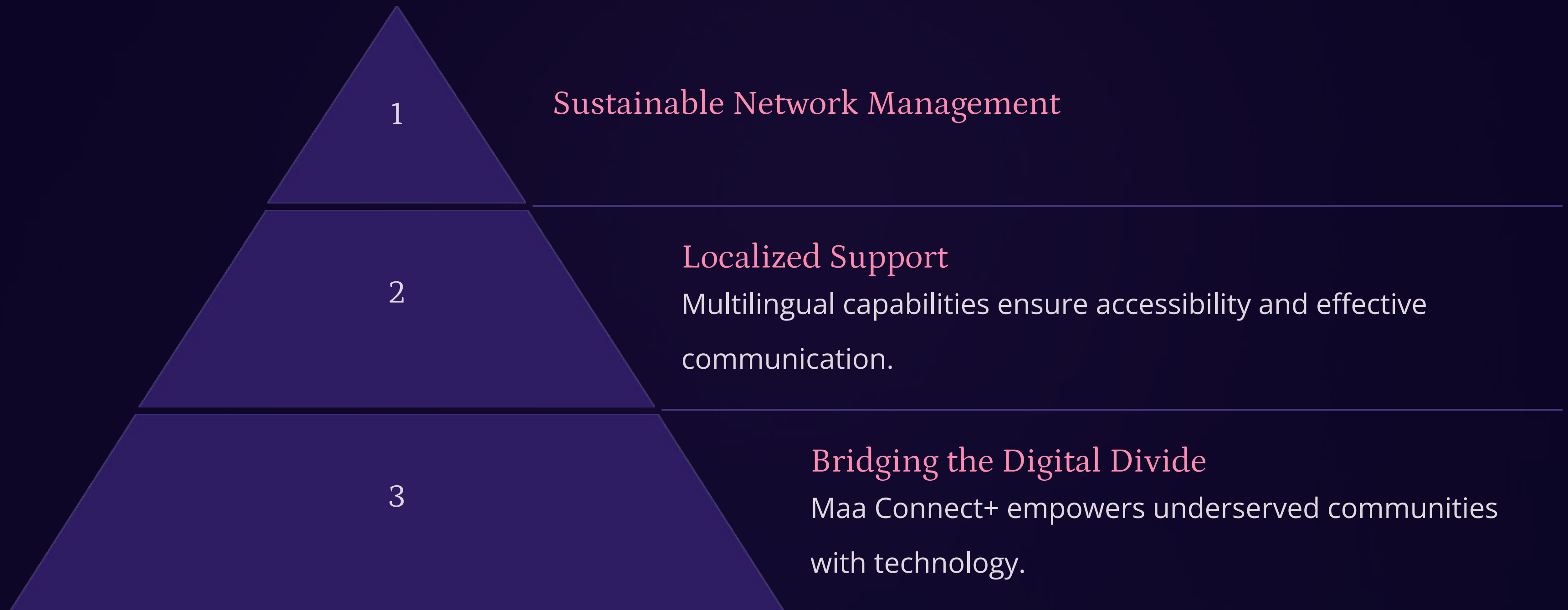


## Local Clinics

Clinic managers prioritize bandwidth for telemedicine sessions.  
Tutorials guide them in setting up and maintaining the network.



# Potential of Maa Connect+





# Business Model

- Subscription-based service tailored for schools, NGOs, governments, and ISPs.
- Revenue streams from training modules, AI chatbot integrations, and consultation.
- Scalable and adaptable to diverse regions and resource constraints.





# Meet Our Team



Anjalee Ramwani



Muhammad Qasim



Winfred Kiarie



Lincoln Kgotsoke



Samiya Abdul Wahid

# THANK YOU

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