

# Indic Subtitler

**Open Source** subtitle generator for **Indic Languages**



**Demo:** <https://indicsubtitler.in/>

**GitHub:** [github.com/kurianbenoy/Indic-Subtitler](https://github.com/kurianbenoy/Indic-Subtitler)

**Submitted to:** [hasgeek.com/fifthelephant/open-source-ai-hackathon/](https://hasgeek.com/fifthelephant/open-source-ai-hackathon/)

# Our Vision

Break down language barriers and make audio & video content accessible to everyone, regardless of the language they speak.

# The Problem

## Language Barriers Hindering Access to Digital Content

Numerous videos are inaccessible to individuals either because they are presented in languages they do not understand or are not available in their native language.

## Auditory Impairments Pose Challenges for Accessing Audio Content

Individuals with auditory impairments face challenges in understanding content.

# Our Idea

Use Powerful SOTA Speech Transcription models  
to generate subtitles in Indic Languages

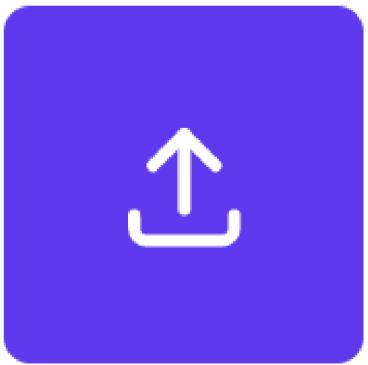
# Features

- Supports 4 powerful SOTA models for Speech Transcription
- Ability to download subtitles in SRT, JSON, TXT and VTT formats.
- Built-in Editor for manual tweaking
- Streaming Response Generation
- Stores past transcriptions in a library locally
- Easy to add custom models and self host
- Supports both transcription and translation of audio & Video files
- Extremely simple and easy to use UI/UX
- Live Transcribe feature

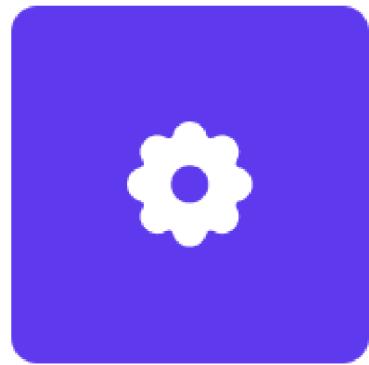
# Humblebrags

- **100% Accessibility Score** as per Google Lighthouse
- Huge reach of over **750+ visitors to date.**
- Got **50+ Github stars**
- Testimonials from **10+ industry leaders** endorse our platform's effectiveness.

# User Flow



Upload Video/Audio



Generate Subtitles



Make optional edits



Download .srt/.vtt file

# Tech-Stack

## Models Used:

- SeamlessM4T
- WhisperX
- faster-whisper
- Vegam-whisper

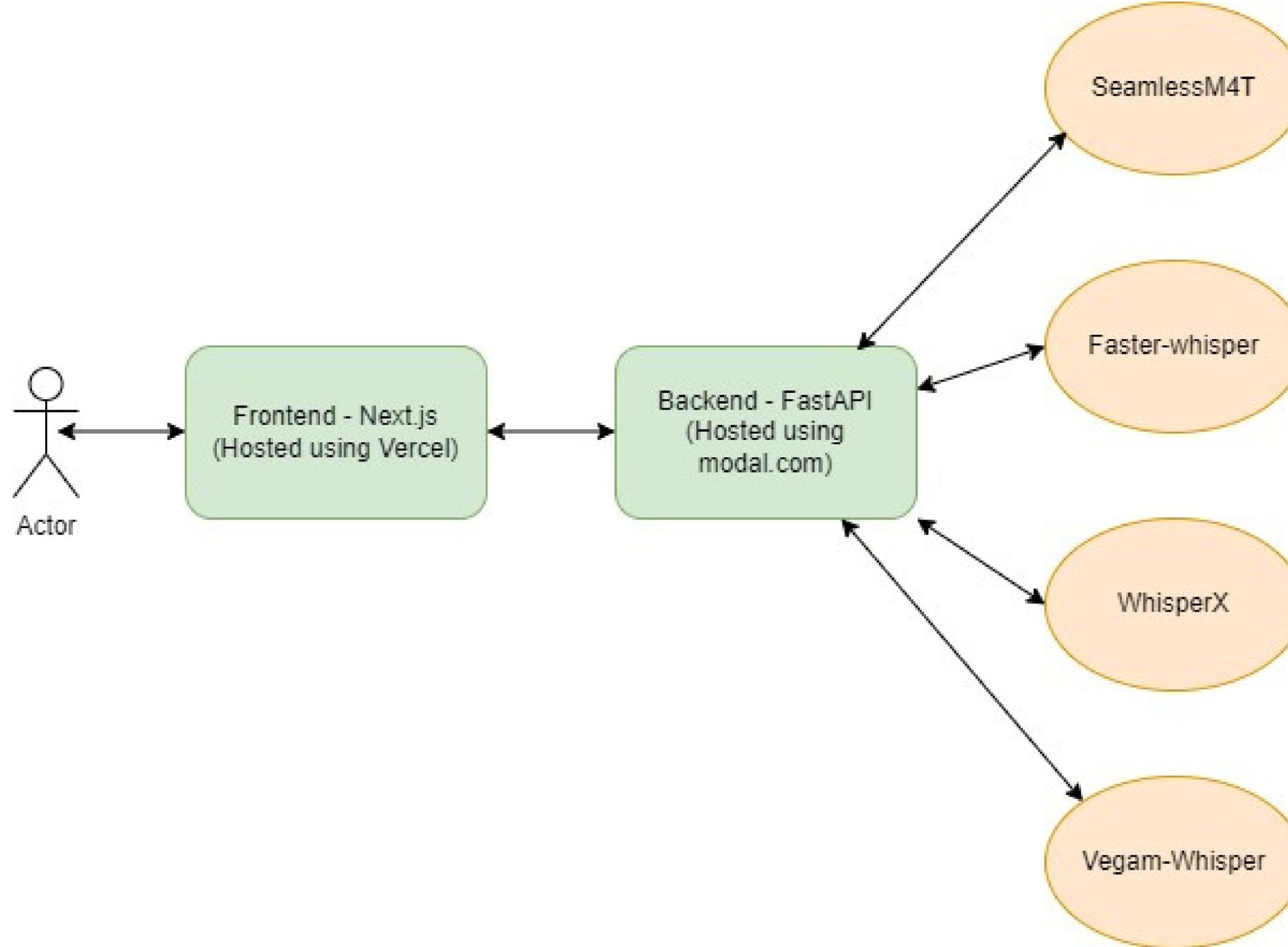
## Frontend

- NextJS
- TailwindCSS
- DaisyUI

## Backend

- FastAPI
- Modal.com

# Project Architecture



# Target Audience

- People having hearing difficulties
- People who want to access content in an unfamiliar language
- Youtubers
- Media professionals
- Video Conferencing platforms

# Our Team



**Aldrin Jenson**

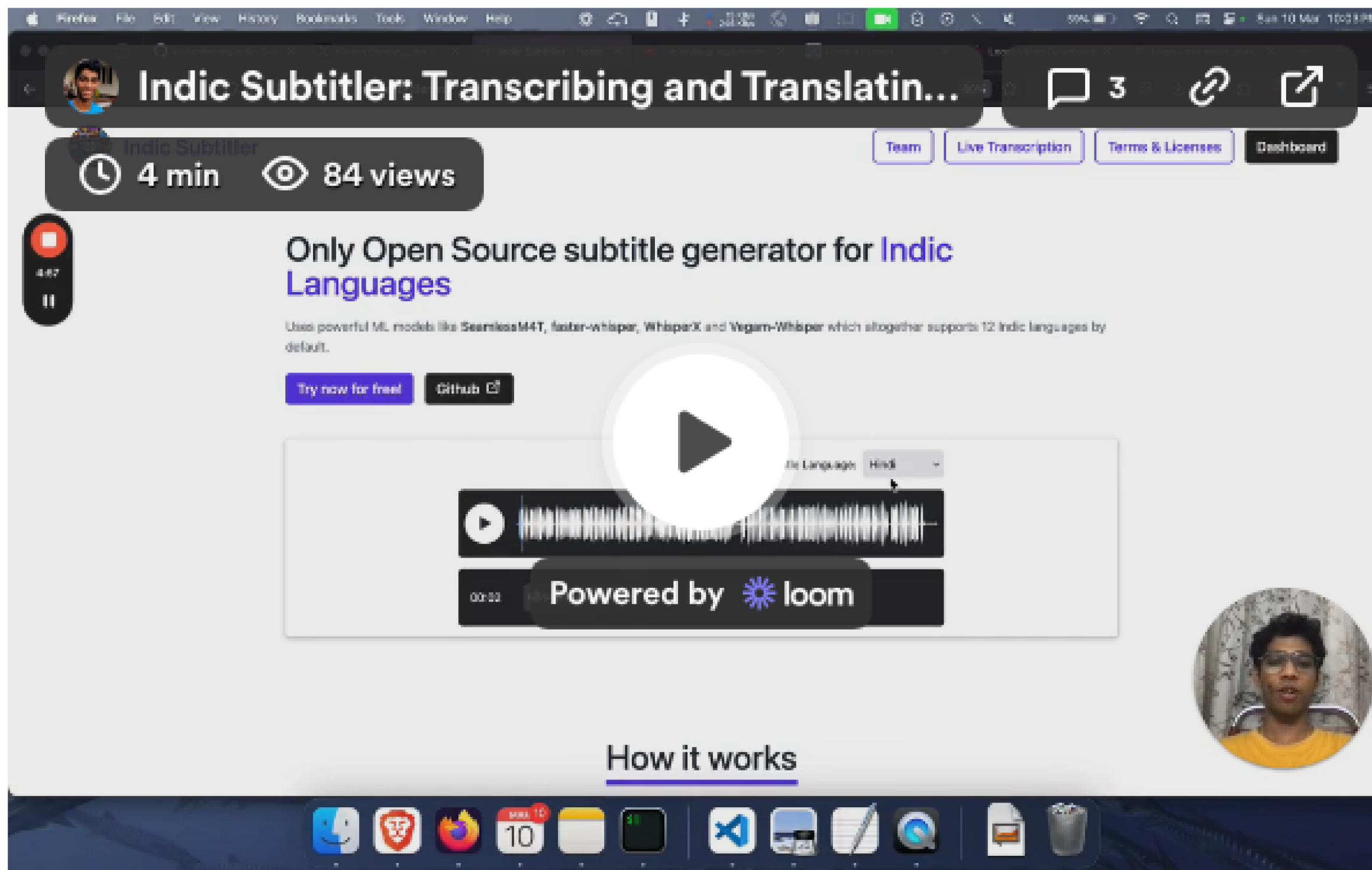


**Nabeel Boda**

**Kurain Benoy**



# DEMO



# Thank you!

Try out today at [indicsubtitler.in](http://indicsubtitler.in)

*If you have any queries, feel free to contact us at: [kurian.bkk@gmail.com](mailto:kurian.bkk@gmail.com)*