

# SIDDHARTH SHUKLA

Mumbai

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## Objective

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

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## Education

- State board 10th A 2016
  - State board 12th A 2018
  - Mahatma gandhi Kashi vidyapeeth varanasi Bachelor of science A 2022
  - Abdul Kalam Technical University Lucknow Master of computer science Mca A 2025
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## Skills

- Problem solving Decision making
  - Python numpy,pandas,matplotlib
  - C,C++
  - Html,css,Javascript
  - Sql,excel,powerBi
  - Data structure
  - Good communication skills
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## Projects

- Vidsnap AI AI Powered reels generator  
Setting up our AI SaaS using Python and Flask  
Writing Flask Backend Logic for Ai reel generator  
Uploaded file to our server  
Create AI Reel Generation Pipeline  
Use ElevenLabs to generate realistic AI Audio Generate  
reels with audio uses ffmpeg and Python Display the  
generated reel.
- RAG based AI Teaching Assistant  
Video to text with timestamps using whisper  
Converting video to mp3 for whisper  
Uses whisper to translate and transcribe mp3  
Writing sample mp3 chunks to Json file  
Chunk all video file to Metadata

Chunk progress after an hour  
Create embedding for our video chunks  
Bulk embedding and Chunk loading with pandas  
Pull top matching chunks  
Uses Joblib to save datagram  
Introspection top result  
Create prompt for our rag based system  
Get response from llms  
Conclusion and Create a Readme file.