**SpeechRecognition model :**

import speech\_recognition as sr

import google.generativeai as genai

import os

from googletrans import Translator

recognizer = sr.Recognizer()

genai.configure(api\_key='AIzaSyCepSfYIUK-T7NBliygKxH7sb5WfwuzaPU')

model = genai.GenerativeModel('gemini-pro')

translator = Translator()

def record\_audio():

with sr.Microphone() as source:

print("Speak now...")

audio = recognizer.listen(source)

return audio

def transcribe\_audio(audio):

try:

text = recognizer.recognize\_google(audio)

return text

except sr.UnknownValueError:

return "Speech recognition could not understand the audio"

except sr.RequestError as e:

return f"Could not request results from speech recognition service; {e}"

def analyze\_text(text):

prompt = f"""

Analyze the following text and categorize it into different sections of an ATS resume:

{text}

Categories should include:

1. Name

2. Email

3. Contact

4. Career Objective

5. Education

6. Project/Internship

7. Skills

8. Achievements

For each category, provide the relevant information from the text without using stars (\*) in the headings.

"""

response = model.generate\_content(prompt)

return response.text

def translate\_text(text, lang\_code):

try:

translated = translator.translate(text, dest=lang\_code)

return translated.text

except Exception as e:

return f"Translation error: {e}"

def get\_language\_choice():

print("Select language for the resume content:")

print("1. English")

print("2. Telugu")

print("3. Hindi")

choice = input("Enter the number corresponding to your choice: ")

if choice == '1':

return 'en'

elif choice == '2':

return 'te'

elif choice == '3':

return 'hi'

else:

print("Invalid choice. Defaulting to English.")

return 'en'

def main():

audio = record\_audio()

transcribed\_text = transcribe\_audio(audio)

print("Transcribed text:", transcribed\_text)

analysis = analyze\_text(transcribed\_text)

print("\nAnalysis and categorization:")

print(analysis)

lang\_code = get\_language\_choice()

translated\_analysis = translate\_text(analysis, lang\_code)

print("\nTranslated Resume Content:")

print(translated\_analysis)

if \_name\_ == "\_main\_":

main()