```python
from pydantic import BaseModel

from typing import List, Optional

import requests


# Single BaseModel for the entire API request structure

class WhisperTranscription(BaseModel):

    file: Optional[str] = None

    model: Optional[str] = "whisperx-large-v2"

    language: Optional[str] = "en"

    prompt: Optional[str] = None

    response_format: Optional[str] = "json"

    temperature: Optional[int] = 0

    timestamp_granularities: Optional[List[str]] = ["sentence"]


# Construct the request data

request_data = WhisperTranscription(file="song.mp3")


# Specify the URL of your FastAPI application

url = "https://localhost:8000/v1/audio/transcriptions"


# Send the request

response = requests.post(url, json=request_data.dict(), verify=False)

# Print the response from the server

print(response.text)
```