

The screenshot shows a development environment with VS Code on the left and a web browser on the right.

VS Code (Left):

- Text Editor:** A file named `textaudio.py` is open, containing Python code for a text-to-speech converter using Streamlit and gTTS.
- Terminal:** Shows the command `streamlit run textaudio.py` being run, and the output indicates a pip update is available from 25.2 to 25.3.
- Output:** Shows the local URL as `http://localhost:8502` and the network URL as `http://10.160.169.153:8502`.

Browser (Right):

The browser window displays a Streamlit application titled "Text to Speech Converter". The application has a text input field containing "My name is Karthik Reddy", a "Convert" button, and a playback slider showing a duration of 0:02 / 0:02.

```
24-11-2025 > textaudio.py > ...
1  from gtts import gTTS
2  import streamlit as st
3
4  st.title("Text to Speech Converter")
5  text = st.text_area("Enter text")
6
7  if st.button("Convert"):
8      if text.strip() != "":
9          tts = gTTS(text)
10         tts.save("audio.wav")
11         st.audio("audio.wav")
12     else:
13         st.error("Please enter some text to convert.")

[notice] A new release of pip is available: 25.2 -> 25.3
[notice] To update, run: python.exe -m pip install --upgrade pip

(.venv) D:\AVSCODE\24-11-2025>streamlit run textaudio.py

You can now view your Streamlit app in your browser.

Local URL: http://localhost:8502
Network URL: http://10.160.169.153:8502
```