

Ensure you have the following installed:

- Python 3.8+
- pip (Python package manager)
- Virtual environment (optional but recommended)
- Twilio account (for telephony features)
- Deepgram API key (for transcription)
- ElevenLabs API key (for text-to-speech)
- OpenAI API key (for conversation processing)
- FOR FRONEND I USED REACT.JS FRAME WORK SIMPLE UI
- REPLACE MY API KEYS MAKE SURE IT

Installation

1. Clone the repository:

```
git clone <repository-url>
```

```
cd <repository-folder>
```

2. Install dependencies:

```
pip install flask
```

If Flask isn't found, install it again:

```
python -m pip install flask
```

```
python -m pip show flask
```

I used VS Code ide [power shell]

to start project first front end { cd dashboard }

```
npm install @tailwindcss/postcss
```

```
npm start
```

backend type this {cd ..}

```
uvicorn main:app --host 127.0.0.1 --port 8000
```

I have limited access to Twilio as I tested using this I got call both incoming/outgoing

To test you have to use

```
pytest test_elevenlabs.py
```

```
pytest test_deepgram.py
```

```
pytest test_call.py
```

to make outgoing calls

Open your terminal (Command Prompt/PowerShell/WSL).

📄 Run the following curl command:

```
bash
```

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```
curl -X POST http://localhost:8000/call -H "Content-Type: application/json" -d '{"phone_number": "+919391228911"}'
```

if not try

```
Invoke-WebRequest -Uri "http://127.0.0.1:8000/call" -Method Post -Headers @{ "Content-Type" = "application/json" } -Body '{"phone_number": "+918125122625"}'
```