

Techietalks AI - Smart Chat Assistant

Welcome to Techietalks AI, a powerful and simple chat assistant built using Streamlit, DeepSeek API, and Pydantic_AI.



by **Sreeprakash Neelakantan**

Why Choose Techietalks AI?



Conversational
Seamless interaction



Local & Docker
Easy setup



Open-Source
Customizable

Repository Structure

`.env`

Secure environment
variables

`Dockerfile`

Containerized build and run

`app.py`

Main application code

`requirements.txt`

Python dependencies

Technologies Powering Techietalks AI

Streamlit

Interactive web app

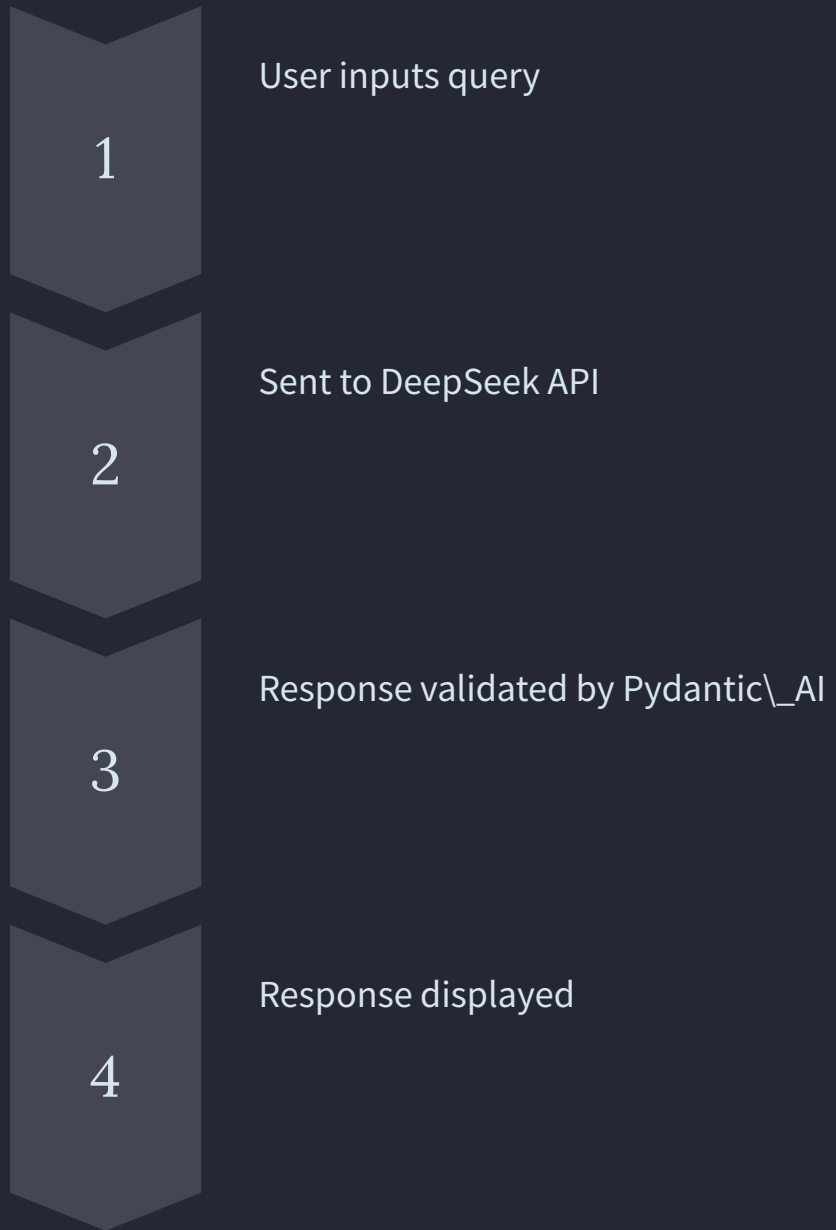
DeepSeek API

AI-driven responses

Pydantic_AI

Validates and structures AI output

Behind the Scenes



Setting Up Techietalks AI

1

Clone
Repository

2

Setup
.env variables

3

Install
Dependencies

4

Run
Locally or Docker

Running Locally

Install dependencies

```
pip install -r requirements.txt
```

Start the app

```
streamlit run app.py
```

Access

<http://localhost:8501>

Running with Docker

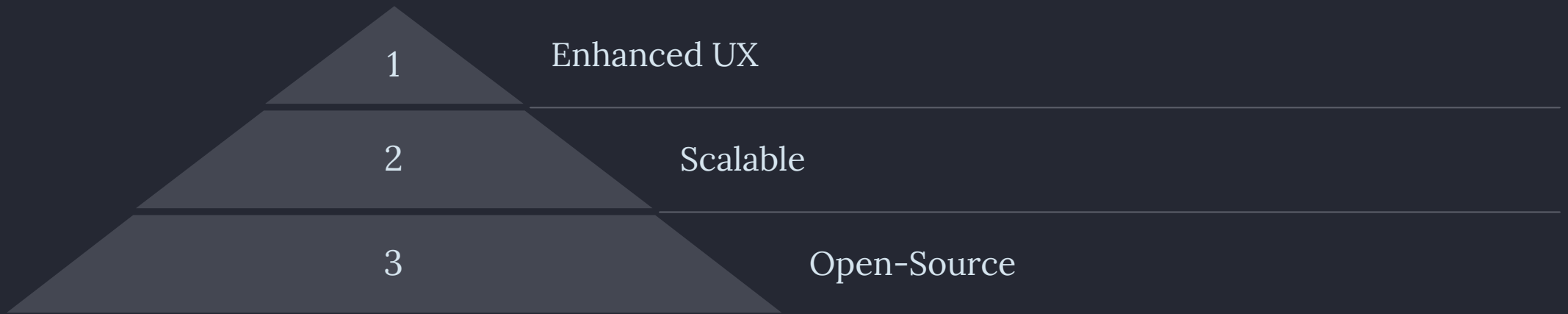
Build and run

```
docker-compose up --build
```

Access




<http://localhost:8502>

Why Use This Chat Assistant?





Get Started Today!

-  Join the community
Connect with fellow developers
-  Contribute to the project
Enhance the chat assistant
-  Share your feedback
Help us improve