Building ChatGPT Using Python

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Abstract*: This project aims to develop a ChatGPT-like system in Python using natural language processing (NLP) and deep learning techniques. It involves selecting a transformer-based model (such as GPT-2, GPT-3, or an open-source alternative), implementing a backend with Flask or FastAPI, and integrating a user-friendly chat interface. The system will be optimized for contextual understanding, interactive responses, and efficient deployment on cloud or local platforms. The final chatbot will serve as an intelligent conversational agent, demonstrating practical applications of AI in real-world scenarios..*

Keywords: ChatGPT, Python, Natural Language Processing (NLP), Transformer Model, Deep Learning, GPT-3, GPT-2, LLaMA, Flask, FastAPI, Conversational AI, Chatbot, Machine Learning, AI Deployment, Contextual Understanding, Neural Networks

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