

A graphic on a blue background featuring the Python logo (two interlocking snakes, one blue and one yellow) in the center. Below the logo, the text "JUNIOR PYTHON DEVELOPER" is written in white, with "PYTHON" in a larger font. The background is decorated with various geometric shapes like circles, squares, and lines, along with small white and yellow plus signs and asterisks.

JUNIOR PYTHON DEVELOPER

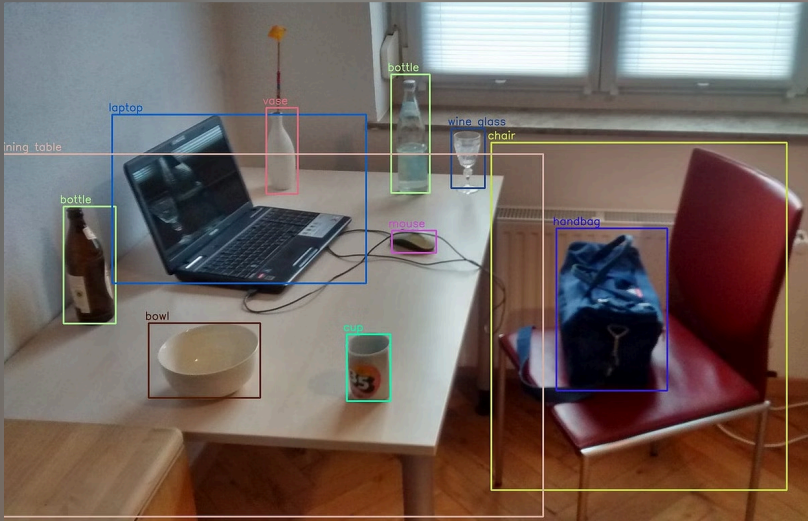
Learn Apply Build

Embark on a journey to unlock the power of AI and Python with this diverse collection of real-world projects. From mask detection to chatbots, transcription to presentation generation, these cutting-edge applications will empower you to transform your coding skills into practical, impactful solutions.



by MEET JETHWA

Mask Detection with Teachable Machine



1

Capture Images

Collect a dataset of images with and without masks to train your AI model.

2

Train the Model

Use Google's Teachable Machine to train a custom model to recognize masked and unmasked faces.

3

Deploy the Solution

Integrate the trained model into your Python application to enable real-time mask detection.

Telegram Chatbot with Google Gemini

Telegram Integration

Leverage the power of the Telegram API to create a conversational bot that can interact with users.

Google Gemini AI

Integrate the advanced language model of Google Gemini to enable the chatbot to understand and respond to user queries.

Automation and Scalability

Automate conversations and handle multiple users simultaneously, making your chatbot a powerful tool for customer service or personal assistance.

Build Your Own ChatGPT with Streamlit



1

Custom Language Model

Develop a conversational AI model using Python and Streamlit, tailored to your specific needs.

2

Intuitive User Interface

Create a user-friendly web interface that allows users to interact with your ChatGPT clone.

3

Scalable and Efficient

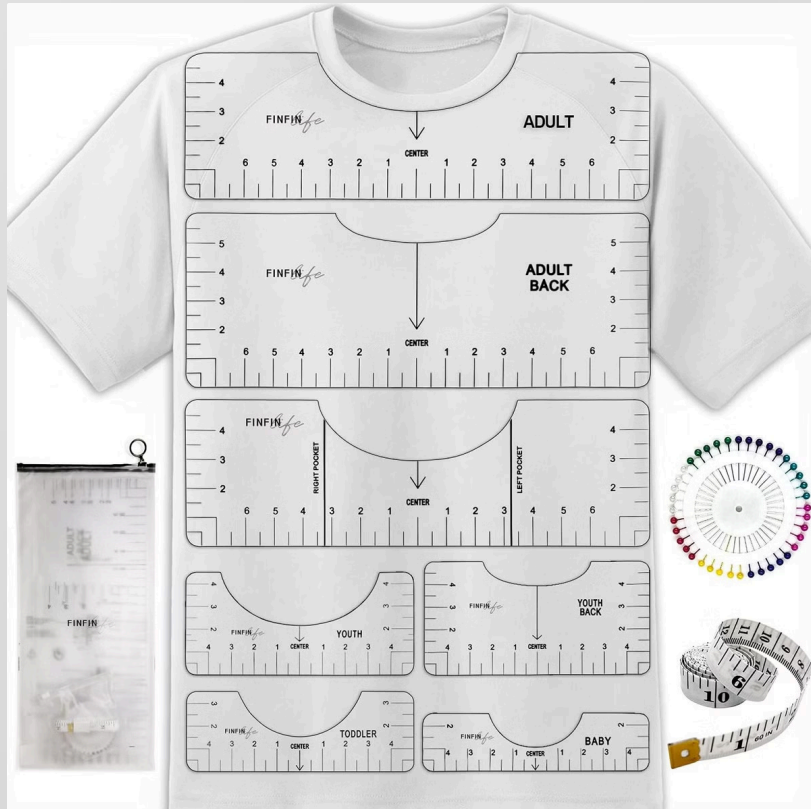
Ensure your application can handle multiple users and deliver responses in real-time.

4

Endless Possibilities

Customize your ChatGPT clone to assist with tasks like content generation, QA, and more.

Tshirt Size Measurement App



Body Measurement

Develop a Python-based application that can accurately measure and recommend the appropriate tshirt size based on user input.

Customizable Preferences

Allow users to input their personal preferences, such as preferred fit and style, to refine the size recommendations.

Integrated Sizing Charts

Incorporate comprehensive sizing charts for various tshirt brands to provide reliable and tailored recommendations.

Scalable and Shareable

Make your app accessible and shareable, enabling users to easily find their perfect tshirt size.

Transcription and Summarization with OpenAI

1

Audio Input

Leverage Python and OpenAI to transcribe audio files, converting speech to text.

2

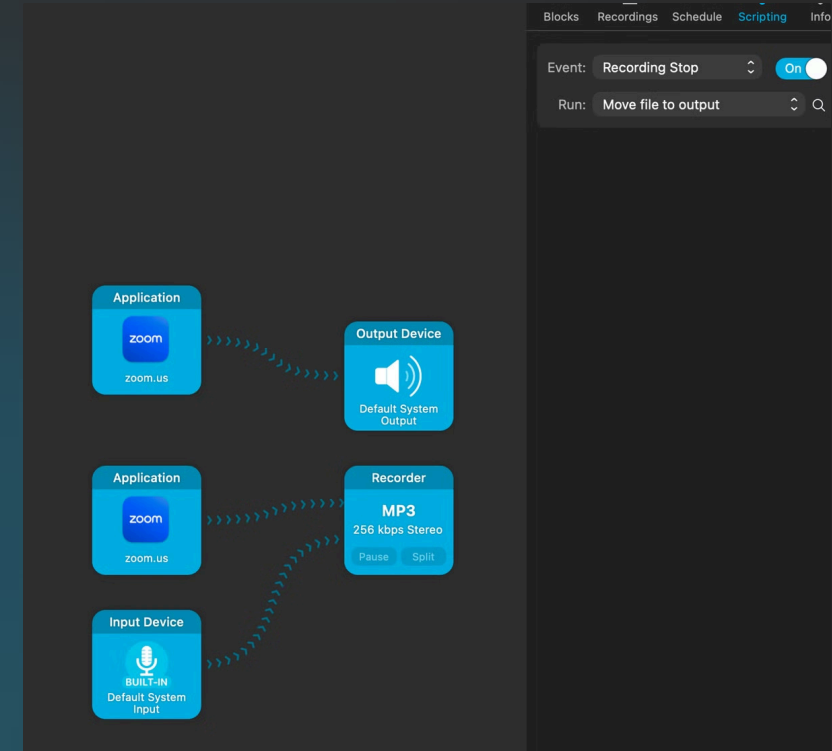
Summarization

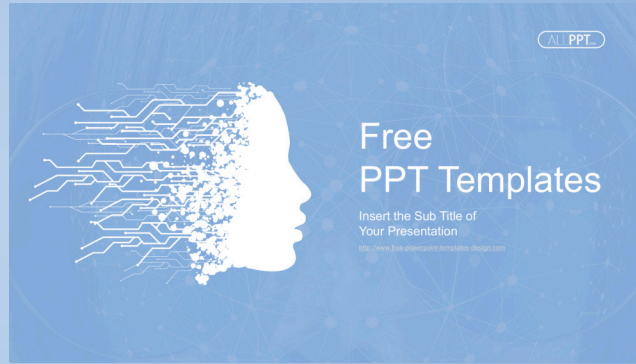
Utilize the power of OpenAI's language models to generate concise summaries of the transcribed text.

3

Automation

Streamline the process by automating the transcription and summarization tasks, saving time and effort.





AI-Powered Presentation Generation



Content Extraction

Leverage OpenAI to extract and summarize key information from various sources.



Slide Layout

Automatically generate visually appealing slide templates and layouts to present the content.



Automated Generation

Combine the content and design elements to create a complete, AI-generated presentation.



Personalization

Allow users to customize the generated presentation with their own branding and preferences.

Face Recognition Attendance System



Face Detection

Use computer vision techniques to detect and recognize faces in real-time.

Database Integration

Store employee information and attendance records in a MySQL database.

Automated Tracking

Automatically mark attendance and generate reports based on the face recognition data.

Scalability

Ensure the system can handle a large number of employees and multiple locations.

Chatbot for Telegram with Python

Telegram Integration

Develop a Telegram bot using Python to enable users to interact with your AI-powered chatbot.

ChatGPT-Inspired Model

Leverage open-source language models like GPT-3 to create a chatbot with human-like conversational abilities.

Personalized Responses

Customize the chatbot's responses to provide tailored assistance and information to users.

Fees Details ₹25000



Independence Day ₹20000

