

KANIKA GOYAL

PYTHON DEVELOPER

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EDUCATION

2021-2023
MSc in Computer
Science
MGS University

2018-2021
BSc in Maths
MGS University

LANGUAGES

English
Hindi

PROFILE

Entry-level Python Developer. Aiming to shape my development with programming software, writing codes and building projects.

PROFESSIONAL SKILLS

Python Pandas Opencv Flask Sql Git
Html CSS Kivy Photoshop Illustrator

PROJECTS

Speech Recognition System

Voice Assistant using Python. The assistant can open up the application like search Google, Wikipedia, and YouTube about the query, rings the alarm at the set time, play saved mp3 sound from the system, background music for mind relief, etc by just giving the voice command.

SnapChat alike Filter

Fun face filters with Python and OpenCV. It uses Haar features and the Mediapipe features to detect mainly faces positions, eye positions, and nose positions and use hands as a virtual mouse. It uses this information to overlay different accessories on the faces.

ChatBot

Python based ChatBot that answers the user's questions via text interface and voice recognition. Here I used the ChatterBot Python library, which is mainly developed for building chatbots.

Vision-based vehicle detection and counting system

Vehicle detection and counting system play an important role in traffic management. The proposed method uses the background subtraction technique to find foreground

technique to find foreground objects in a video sequence. To detect moving vehicles more accurately, several computer vision techniques, including thresholding and adaptive morphology operations, are then applied.

First Android App 

I tried my hands-on sample Kivy project (calculator).

CERTIFICATES

Google Digital Marketing 2020

STRENGTHS

 Adaptability and Flexibility

 Committed to Lifelong Learning

HOBBY

 Digital art  Designing