



Gowtham Ravichandran

Python Programmer

Profile

Self-taught Python programmer. I have more than 1 year of working experience in Python and I am currently exploring Linux.

Education

BE - Computer Science and Engineering, The Kavery Engineering College, Salem

2019 — 2023

CGPA: 8.51

Higher Secondary, Paramveer Matric Higher Secondary School, Dharmapuri

2017 — 2019

Percentage: 77.2%

Secondary School Leaving Certificate, Sri Vinayaga Matric Higher Secondary School, Dharmapuri

2016 — 2017

Percentage: 94.4%

★ PROJECTS

Handwritten Digit Recognition System

A Handwritten Digit Recognition System is my final year project that recognizes the digits from the images we provide as input. It recognizes handwritten digits as well as normal digits. It is built using **Python** and **Flask**.

GBackupPy - Google Drive Backup Project using Python

This **Python Script** is for the backup of the files that are present in the path which you provided as input to your google drive by creating a folder called "Backups".

Google Sheets Mail Merge Clone

This CLI project is a clone of Mail Merge which is one of the extensions in google sheets using **Python**. This will send emails to which the emails are specified in the google sheets **Receiver** column.

Stock Price Notifier

This project is about the **Python Script** scheduled on **GitHub Actions** to run and notify through messages every morning/afternoon about the specified Stock Price.

Hand Gesture Volume Controller

The volume controller controls the system's volume using user's hand gestures and it is created by using **Python** and **Computer Vision**.

Details

Dharmapuri, 636810

India

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Links

[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

[Medium](#)

Skills

Python

HTML/CSS

Git

SQL

Flask

Computer Vision

Streamlit

Languages

Tamil

English

Hobbies

Writing blogs

Reading articles

Solving problems on GFG

Virtual Mouse Controller

This project implements how to control mouse movements using user's hand gestures and it is created by **Python** and **Computer Vision**.

Weather Forecasting Application

This web app shows weather details like description, minimum and maximum temperatures, what temperature it feels like, and humidity of the air. It is developed using **Python**, **Flask**, and **Firebase**.

QR Code Generator and Scanner

The web app that is used to generate and scan a QR Code and it is developed by **Python**, **Computer Vision** and **Streamlit**.

YouTube Video and Audio Downloader

The web app that is used to download either video or audio from the YouTube. It is developed by using **Python** and **Streamlit**.

Courses

Learning SQL Programming, LinkedIn Learning

September 2022

GIT - Version Control System, Guvi.in

February 2023