SHRAWANI GONGSHE

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Education

Prof Ram Meghe Institute of Technology and Research	Nov 2022 - Jul 2026
*Bachelor of Technology in Artificial Intelligence and Data Science - **CGPA:8.6***	*Maharashtra, India*
Rural Institute of Junior College Amravati	Aug 2020 - 2022
*General Science - **Percentage: 72.12%***	*Maharashtra, India*
St. George's English School	Jun 2015 - 2020
*State Board - **Percentage: 84.68%***	*Maharashtra, India*

Technical Skills

Languages: Python,C++,SQL

Technologies/Libraries: PowerBi, Microsoft Excel, Pandas, Numpy, Scipy, Scikit ,Matplotlib, Seaborn.

Developer Tools: VS Code, Jupyter, Anaconda, Pycharm,Kaggle

Experience

Ai Prompt Engineering Intern   JUL 2024 – AUG 2024

ValuesofCodes

- Designed and optimized prompt structures to enhance AI model performance, resulting in a **20%** improvement in response accuracy.
- Created a user-friendly **GUI using Tkinter,** enabling users to send and receive messages, images, and video files. Integrated a file transfer feature allowing users to share images and videos seamlessly. Added real-time notifications using the **plyer** library to alert users of new messages or file transfers.

Projects

Chat Application | *Python ,Tkinter, socket, threading, PIL (Pillow), plyer* | **Github Aug 2024**   4

- Created a **user-friendly GUI** using **Tkinter**, enabling users to send and receive messages, images, and video files. Integrated a file transfer feature allowing users to share images and videos seamlessly. Added **real-time notifications** using the **plyer** library to alert users of new messages or file transfers.
- Designed and implemented the server architecture to manage **multiple client** connections using **Python's socket** and **threading libraries**. Developed robust file transfer functionality with support for various file types, ensuring **data integrity** and efficient handling of large files..

AI Assistant Project | *Python, SpeechRecognition, gTTS (Google Text-to-Speech), OpenCV* | **Github Aug 2023**   4

- Designed and implemented a sophisticated **AI assistant using Python**, capable of voice recognition, **text-to-speech** synthesis, and executing system commands. Enhanced the assistant with the ability to interact with hardware, including launching the **webcam** and c**apturing images in real-time**.
- Automated various tasks, such as **web browsing,** file management, and **system commands**, improving productivity and user interaction Leveraged **NLP** techniques for understanding and responding to user queries, including interacting with web services like **Google**, **Wikipedia**, and **weather API**s.

Face Detection | *Python, OpenCV, FER (Facial Expression Recognition) library,* | **Github JUL 2024**   4

- Implemented a system that detects and classifies human emotions in **real-time** from live video streams, identifying emotions such as happiness, sadness, anger, and surprise. Utilized **OpenCV** and **Haar Cascade Classifier** for real-time **face detection**, accurately identifying and localizing facial regions in video frames.
- Employed the **FER library** to analyze facial expressions and extract emotional states, displaying the detected emotion along with a confidence score. Captured and processed real-time video feeds with **OpenCV**, ensuring efficient and smooth emotion detection and display in live video.

Certifications

- Data Analytics and Visualization Certification, Forage,Accenture, 2024
- Data Analysis with Python Certification, FreeCodeCamp, 2024
- Python 101 for Data Science Certification, IBM, 2023
- Excel Skilss Certification, Forage,Jp morgan, 2024