Smriti Doneria

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Education

Vellore Institute of Technology **Vellore**
Bachelors of Technology in Computer Science and Engineering, ***9.03*** *CGPA* ***Sep 2022 - May 2026***

Personal Projects

Desktop Assistant AI(ByteBot) -[Github] **Dec 2023 - Jan 2024**

- Developed a voice-activated personal assistant using Python, integrating various functionalities for hands-free control. Implemented features include voice recognition, web browsing, application launching, weather updates, news retrieval, language translation, and AI-driven conversation. Leveraged technologies such as speech recognition library, OpenAI API, and external APIs for weather and news.

Bank Management System -[Github] **Jan 2024**

- The project allows users to create new accounts, view customer lists, update existing account information, check details, perform transactions, and remove accounts. Platform-specific considerations for Windows are included in the code, while ANSI escape codes are used for screen clearing on macOS. The project is written in C++.

VisionQuest -[Github] **Oct 2023 - Nov 2023**

- Collaborated in the development of a comprehensive event management system, "Vision Quest," focusing on the backend architecture. The system streamlined user registration, integrated Google OAuth for secure authorization, and facilitated various event-related functionalities.

SocialHub API -[Github] **Aug 2023**

- Led the development of a robust backend for a Social Media API, taking charge of the design and implementation of RESTful APIs to support user registration, authentication, and authorization. Engineered database schemas for user profiles, posts, and interactions, ensuring efficient data storage and retrieval. Integrated token-based authentication for secure API access and implemented CRUD operations for user profiles and posts to enable seamless interaction within the platform.

Face detection Model -[Github] **Nov 2023**

- Developed an advanced face detection model utilizing deep learning frameworks, including OpenCV, to achieve accurate and real-time identification of faces within images and video streams. The project contributed to advancements in computer vision technology and provided valuable insights into the practical application of deep learning for face-related tasks.

Technical Skills

Languages:C,C++,Javascript,Python

Web Development: HTML, CSS, Tailwind CSS JavaScript, React, Nodejs, Mongodb, JWT,RestFul api, Google auth
C++ Libraries: vector, iostream, unordered map, ordered map, fstream

Python Libraries: os, Webbrowser, random, requests, date, pyautogui, subprocess, translate, speech recognition (sr)

Achievements

Co-curriculars: Core Executives as a backend developer in Entrepreneurship club (Vit Vellore)
Co-curriculars: Participated and competed in tournament of badminton.
Academics:Earned a Certificate of "Aritifical Intelligence" issued by Infosys [Certificate]
Academics: Lead a succesful backend system for "VisionQuest"