BENNY B

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SKILLS

PROGRAMMING

Languages

- Java
- C++
- C

Tools

- GIT
- Windows

Technologies

- HTML
- CSS
- OpenCV
- Embedded Systems

OTHERS

- Competitive Coding
- Problem Solving
- Team Management
- Exploring new technologies
- Communication

EDUCATION

B. Tech, CSE(AI&ML)

CMR Engineering College
2022-26 | Hyderabad
CGPA: 8

Intermediate, MPC

Resonance Junior College
2020-22 | Khammam
Percentage: 92.8%

SSC

St. Joseph's High School
2019-20 | Khammam
Percentage: 100%

LANGUAGES KNOWN

- English • Telugu • Hindi

LINKS

LinkedIn:// **benny-bandarupalli**
LeetCode:// benny_bandaru
SmartInterviews:// benny_bandaru
GitHub:// bennyd6

PROJECTS

Hand gestured based Computer Control System

Python | OpenCV | ML
Project link: hand-gesture-based-computer-control-system

To minimize the usage of input hardware peripherals.

- Mouse-Free Control with Hand Gestures: This project explores using hand gestures for computer interaction, built with Python. It leverages OpenCV and MediaPipe libraries to detect hand movements via webcam and translate them into basic commands like navigation and clicks.
- Intuitive and Accessible: By recognizing pre-defined hand gestures, the system offers a natural and potentially more accessible alternative to traditional mouse and keyboard usage.
- Real-Time Interaction: Utilizing OpenCV and MediaPipe, the project enables real-time hand detection and gesture recognition, providing a seamless and responsive user experience.

Smart Farm with IOT

Arduino | Embedded Systems | IOT

Developed a IOT system to monitor the data of farm from our web/mobile.

- Smart Farm with IoT: This project automates crop management with real-time monitoring (DFRobot sensors) and control (ESP32 with FreeRTOS) via the Blynk cloud.
- Data-Driven Decisions: Optimize yield and resource usage by remotely monitoring and controlling the farm environment (temperature, humidity, etc.) from your phone or web.
- Simplified Farm Management: This IoT system empowers you to manage your farm efficiently and conveniently, maximizing yield and minimizing waste.

Portfolio Website

HTML | CSS

- Interactive Online Portfolio: Built a personal portfolio website using HTML for structure and CSS for styling. This allows for showcasing your skills and projects in a visually appealing and user-friendly format,

ACHIEVEMENTS

PRESIDENT: IEI Student Chapter, CMR Engineering College

CERTIFICATIONS

CyberSecurity : By Coursera
Artificial Intelligence : By IBM SKillsBuild
Smart Coder : By SmartInterviews