SANDEEPKUMAR P

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Summary

I'm a fast learner with good leadership skills and I would be able to engage cross-skilled teams. I am sure that I can work at any pressure situations without any temper and fear. I am a person that who likes to take risk in work for the company's efficient growth. Remembering, patience and a strong determination would be my strongest of skills, along with logical thinking and problem solving. I love to bring in innovative ideas and to explore and incorporate the ideas in real-time.

MAIN DOMAIN: MACHINE LEARNING & DATA SCIENCE & SOFTWARE DEVELOPER.

SUB DOMAIN: WEB DEVELOPMENT, GAME DESIGN.

DOMAIN SKILLS:

LIBRARIES USED: ARUCO, FACE MESH, REACT, DJANGO, FLASK, PYGAME, SKLEARN, PANDAS, MATPLAOTLIB, NUMPY, NLTK

MATHEMATICAL SKILLS: PROBABILITY, STATISTICS, LINEAR ALGEBRA, DIFFERENTIAL & INTEGRAL CALCULAS

PLATFORM EXPERIENCE: ECLIPSE, MYSQL, THONNY, VIRTUAL STUDIO CODE

LANGUAGES: PYTHON, JAVA, ARDUINO

 FRONT-END LANGUAGES: REACT & HTML, CSS, JS

BACK-END LANGUAGES: DJANGO, JAVA, PYTHON

DATABASE LANGUAGES: MySQL, POSTGRESQL.

HARDWARE SKILLS: WORKES ON DIFFERENT ARDUINO BOARDS AND ESP32 & ESP8266 DIFFERENT WIFI MODULES, NETWORK CONFIGURATION.

APPLICATIONS DESIGNED: DEVELOPED A HR MANAGEMENT PORTAL DURING INTERNSHIP, DEVELOPED THE MOVEMENT ACTUATION IN ESP32 USING THE FIREBASE, DEVELOPED A CHAT ROOM APPLICATION AND THE FILE TRANSFERRING IN THE CHATROOM, MINI GAMES (CHESS, PING PONG, ETC.,)

APPLICATION DEPLOYED: DEPLOYED THE DJANGO AND REACT WEBSITE AND FLASK APPLICATIONS

Experience

Software Developer
Vividobots Private Limited
Jun 2023 - Dec 2023 (7 months)

Education

College of Engineering, Guindy
Master's degree, Computer Science
Dec 2020 - Jul 2025
CGPA – 7.90/10

Skills

Embedded Software Coding (ARDUINO) •   React.js • Django REST Framework • Socket.io • HTML •
Amazon Web Services (AWS) • JavaScript • Software Development • Algorithms • Cascading Style
Sheets (CSS)

Projects

1. CHAT ROOM APPLICATIONCHAT ROOM APPLICATION - This project contains a room where people can login and chat in the room and the people in the chatroom can also shares files in the chatroom.
2. HR MANAGEMENT APPLICATION - This project contains the employee details of the company and the employees can able to access the website from anywhere. The employees can apply leave or vacation in this website and the team leads and HR of the departments can view the leave status neither approve or reject it and the employees can also plan the tasks in a calendars works on the weekly tasks.
3. FACE MESH APP – Developed to take the photos of every parts on your face individually using the face mesh library.
4. CREATED AN EMBEDDED COMMUNICATION WITH THE REACT, DJANGO AND WITH FIREBASE RESPONSE CONSOLE – This is an embedded project took over in the internship period and be able to communicate the ESP32 and ESP8266 Wi-Fi module with the Firebase using ARDUINO IDE.