SANTHOSH KUMAR A

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OBJECTIVE

As a dedicated and innovative software engineer, my goal is to apply my strong foundation in coding, problem-solving, and collaboration to develop cutting-edge solutions that contribute to technological advancements. Eager to join a forward-thinking team where I can continuously learn, grow, and contribute my fresh perspective to create software that transforms industries and improves user experiences.

EXPERIENCE/INTERNSHIP

IIT BOMBAY (E – CELL)

Campus executive| June 2023 – June 2024

- The role involves leading and coordinating various campus activities, and events,managing campus resources, including infrastructure, technology, and facilities, to create an optimal learning and working environment

EDUCATION

BACHELOR OF TECHNOLOGY (ECE)

SASTRA University, Tanjore, India

YEAR OF GRADUATION – 2024

HIGHER SECONDARY (BIO-MATHS

Dhanalaksmi Srinivasan Martic.Hr.Sec.School,Tiruchirappalli,India

YEAR OF GRADUATION - 2020

SKILL (TECHNICAL AND SOFT SKILLS)

WEB TECHNOLOGIES (FULLSTACK WEB DEVELOPMENT)

Front end (HTML, CSS, Javascript, Bootstrap, React JS)

Back end (Python, Django, Node JS, MongoDB database)

PROGRAMMING LANGUAGES

C/C++

Robotics and automation (Grade B in academics)

Python

SOFT SKILLS

Effective communication

Leadership

Emotional intelligence

Team management

CERTIFICATIONS

Full stack web development (Udemy)

Python (beginner to expert module) (GUVI)

Business analytics (Verzeo)

Cloud computing (Academor)

Product management (Udemy)

PROJECTS

1. SMARTBOT – Smartphone control robot – User interface design of Android app:

This project involves the development of an Android mobile application designed to control a robot remotely through a smartphone. The primary goal of the project is to provide users with a user-friendly and intuitive interface that allows them to control the robot's movements, and actions, and potentially access its sensory data.

2. VOICEBOT– Voice control robot

The **VOICEBOT** project aims to leverage voice recognition technology and robotics to enable users to control a robot using spoken commands. This innovative approach enhances user experience and accessibility by eliminating the need for manual controls, such as buttons or joysticks. By understanding and responding to voice commands, the robot becomes a hands-free and intuitive device for various applications

3. Deployment of Web Application using Azure web App service:

In this project, a basic web application is developed, which could be anything from a static website to a dynamic web service. The application is then configured and deployed to an Azure Web App instance. This involves setting up the necessary environment, configuring deployment options, and ensuring the application runs smoothly on the Azure platform.