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📍 Tirupati, Andhra Pradesh, India

EDUCATION

B.Tech in Electrical and Electronics Engineering
SRMIST
2020 - 2024

Intermediate MPC
Narayana Jr. College
2018 - 2020

SSC 10th
Narayana E.M High School
2017 - 2018

ONLINE COURSES

- iOS & Swift - The Complete iOS App Development Bootcamp
- Learning PyTorch For Deep Learning and Machine Learning

TECHNICAL SKILL

- UIKit
- SwiftUI
- ARKit
- CoreML
- Python
- PyTorch
- Machine learning
- Arduino
- C++
- Microcontrollers
- IoT
- Cloud Computing

SOFT SKILLS

- Team Spirit
- Problem Solving
- Presentation

LANGUAGES

Telugu

English

Hindi

Tamil

KOPPOLA GOKUL SAI

ABOUT ME

I am an electrical and electronics engineering student, I've dived into various tech projects during my college journey. From IoT and Cloud computing to Microcontroller-based systems. One highlight is a practical project in Ceebros Apartments, Chennai, where I crafted a system to cut down on electricity bills in real-time. Working on AgroBot, an autonomous robot built for basic agricultural tasks including obstacle detecting and avoiding.

In the realm of iOS development, I have showcased my skills by creating various iOS apps using Swift in UIKit. Now currently working on indoor path finding system using ARKit.

Eager to contribute my technical skills and innovative mindset, I am actively seeking opportunities as an iOS Developer. Let's connect and explore how my passion for technology and hands-on experience can contribute to your team's success.

PROJECTS

ToDo List
- iOS App to make lists to to store data and items
- Each item is categorised under each category
- Used Realm and CoreData as Backend to store data and items list

Pokemon Finder
- iOS App uses Image tracking in ARKit
- UNO cards are used as reference images
- 3D pokemon models are displayed on the cards when found

Emotion Predictor
- iOS app takes text input and predicts emotion behind it
- Used CoreML and CreateML tools to make predictions

Clima
- iOS app to detect current location and gather weather data using open weather api, the app can change theme as per device theme
- Decodes Json which is gathered from API

Smart Door Lock
- An electric door lock controlled via ESP8266 connected to local wifi operated via IoT through google firebase by mobile application
- App was made with help of MIT APP Inventor
- when password is eneterd in mobile app the door opens and when "close" button is pressed the door locks

Autonomous Lights
- using pic microcontroller and RTC a circuit was designed to control the turning on and turning off of lights in veranda
- This Project is implemented in Ceebros Apartments in realtime to save energy

AgroBot - Internship in CSIR
- A mobile operated smart robot model made with plywood as a prototype for major project. which is controlled by Arduino and ESP8266
- This robot can move in a local field controlled via mobile app and has sensors to measure soil properties and can be seen in mobile
- DC motors are used to plug sensors in soil automatically with one click in mobile and 12 Volt DC motors used to power wheels to navigate in field