NAME : PONNURU VENKATA SAI
✉ : venkatasai4050@gmail.com
✆ : 9493957954
🏠 : Andhra Pradesh, INDIA
GIT HUB : https://github.com/ponnuru171/python

Carrier Objective:

To work in an organisation which provides me with ample opportunities to enhance my skills and knowledge along with contributing to the growth of the organisation. Doing each and every project with in the time and grasping the new things from the project. Leading all my team members with the right thoughts and the correct implementation in the project like a leader.

Academic Details:

COURSE	COLLEGE	BOARD/UNIVERSITY	YEAR OF PASSING	PERCENTAGE
B. Tech (electronics and communication)	Kalasalingam academy of research and education,Virudhunagar	Deemed university	2020	7.93 CGPA
Intermediate (M.P.C.)	Narayana Junior College, Nellore	Board of Intermediate Education, AP	2016	90.0%
SSC	Priyadarshini English Medium school, kovur	Board of Secondary Education, AP	2014	80.0%

Projects:

Title: AUTOMATIC BRIDGE BETWEEN RAILWAY PLATFORMS USING NODEMCU
Components Used: IC 555 timer, Resistors, Transistors, LED, Capacitor, and Buzzer.
Description:

- NODE MCU is the main component in the entire circuit.
- The ultrasonic and IR sensors are used to detect the arrival and the departure of the Train from the station.
- When the train arrival or departure from the station the sensors are detected which we arranged at both the ends of station.
- Those sensors are detected and send the information to controller to open or close the bridge.
- LED and buzzer is arrange to alert the passengers.
- Dc motor is used to open and close the bridge

Title: ELECTRICITY THROUGH FREE WHEEL ENERGY FROM THE ROAD TRAFFIC.
Hardware Used: Arduino UNO, Ultrasonic sensor, Solar panel, Wind blades, Dynamo, Battery.
Description:

- The Arduino UNO is the main controller in this system.
- The ultrasonic sensors are used to detect the vehicle weather it cross the street or not. The solar panel and wind turbine is used to generate the current.
- When the 1st sensor activated LED light is turn on and 2nd sensor is activated the LED is turn off.

- This system provides a reliability as it not subjected to the manual error and to implement a simple and cost effective system

Technical Skills:

- Programming languages : C , Python, LabVIEW
- Designing tools : HTML5
- Frame works : Flask
- Operating systems : Basic Linux Commands, Hadoop
- Hardware tools : IOT components setup
- Testing tools : Arduino, Raspberry pi, LT Spice
- Web services : AWS
- Area of Interest : debugging programs, LabVIEW, IOT, Python
- Others : Basic Digital Electronics, SAP (HCM)

International Certificates:

- International Business English Proficiency certified BEC preliminary from Cambridge council.
- Certified Lab VIEW Associative Developer (CLAD).
- SAP certified application Associate- SAP HCM with ERP 6.0 Ehp7.
- Microsoft Certified in Python

Co-circular Activities:

- Completed NPTEL courses like signals and systems and introduction to the internet of things.
- Runner in the department magazine on technical category.
- Participated in National seminal on NETWORK SECURITY.
- Attended national seminar on IOT.
- Attended National summit on SEED in IIT MADRAS
- Participated in technical workshop on NI LabVIEW (MI DAC, MI RIO).

Personal Details:

Date of Birth : 5th January 1999.
Languages known : Telugu, English, Hindi, Tamil.
Address : 1/274 CHINNAPADUGUPADU OPPOSITE TO MAHILAMANDAL, KOVUR (MANDAL), NELLORE (DIST), ANDHRA PRADESH.
Nationality : Indian
Gender : Male
PIN Code : 524137.

Declaration:

I hereby declare that the information provided above is accurate to the best of my knowledge.

PONNURU VENKATA SAI

Date: / /

Place: Nellore.