RESUME

P.GANGARAJU

pillygangaraju123@gmail.com
+917993778784

7-15
BC colony
Thirumalagiri (Municipality)
Suryapet(D)
Telangana
508223

Career Objective:
To secure a challenging position where I can, utilize my potential and skills in solving problems in an creative and effective manner and proceed towards growth of the organization.

Summary:
I am B.Tech graduate who is passionate in problem solving. Also passionate about implementing and launching new projects. Having ability to transform business requirement into technical solution.

Academic Profile:

Qualification	Subject/specialization	School/College	Board/University	Batch	Percentage/ CGPA
MTech	Electrical Power Engineering (EPE)	Sreenidhi Institute of science and technology	JNTU-Hyderabad	2021-2023	**8.18(till date)**
BTech	Electrical and Electronics Engineering (EEE)	Gurunanak Institutions Of Technical Campus	JNTU-Hyderabad	2017-2021	**8.3**
Intermediate	MPC	TS Model Govt Junior college, Ananthram, Thirumalagiri	Telangana State Board Of Intermediate Education	2015-2017	**88%**
SSC	----	Krishnaveni Em School,Thirumalagiri	Board Of Secondary Education	2014-2015	**9.3**

Technical Skills:

- Python
- HTML
- MATLAB SIMULATION
- Arduino UNO
- Ms Word
- Ms Excel
- Ms PowerPoint
- ETap software (Reliability Evaluation)
- Data analytical(basics)
- Battery energy storage system
- Autocad

Internship:

1. **Company:** V-pro solar system
   Duration: Two weeks

2. **Company:** Envision energy
   Duration: on going

Certifications:

Name: Google Data Analytics Specialization
Issuing Organization: Coursera
Credential ID: 9Z7HYLQYCDP2

Name: Programming for Everybody (Getting Started with Python)
Issuing Organization: Coursera
Credential ID: T79XCRWRQVGC

Name: Python Essentials 1
Issuing Organization: Cisco
Issue Date: Sep 2023

Name: Introduction to Microsoft Excel
Issuing Organization: Coursera
Credential ID: WX6GP4J65H8Z

Projects:

Title: Pulse oximeter and heart rate monitoring with alarm and data logging
Description: This is a remote patient monitoring system is implemented which is used for real time monitoring of health parameters of the remotely based patient. Oxygen saturation and heart rate these two parameters are calculated and transmitted via server to the remote client. It can work through the solar energy and battery. It can collect the data of oxygen saturation and heart rate and stored for the future purpose for analyzing. We can get alarm in the situation of maximum pulse and minimum pulse. It is a smart spo2 and heart rate sensor. Acts like a fifth vital sign.

Title: Voice controlled solar vehicle with speed display
Description: It is a smart solar vehicle. It can control by the voice commands.it charge the battery through solar energy.it is a renewable energy. The speed of the car was displayed on the screen.it can control by the 50 meters away from the instant position.it can run up to 1 hour.it mostly useful in construction sites, mining sites. By using the smart solar voiced controlled vehicle, we can save the nature from fuels exposes.

Title: Solar powered bidirectional charger for a single-phase electric vehicle using buck boost converter (g2v & v2g)
Description: In the past few decades, Electric Vehicles (EVs) have gained more popularity among consumers. This led to the demand for improved and energy efficient charging facilities for electric vehicles. Research is driven into solar powered charging infrastructure for Electric Vehicles to improve the sustainability and effectiveness. A solar powered bidirectional charger for electric vehicles with G2V and V2G charging configuration is discussed and solar powered to the grid in the full of battery state of charge. The proposed model is built and designed in MATLAB/Simulink.

Title: Quantitative Evaluation of Common Cause Outages in Distribution System Using Analytical and Simulation Methodology

Description: Reliability evaluation of distribution systems is essential for ensuring uninterrupted power supply and enhancing the overall system performance. This study analyses common failures mode (CFMs) and investigates their impact on system reliability. Analytical and simulation techniques are employed to evaluate the distribution system's reliability.

Extra-curricular activities:

- Participated in the pre-conference tutorial on **"Industrial Automation (PLC & SCADA)."**
- Attended the pre-conference tutorial on **"Artificial Intelligence & Autonomous Vehicle."**
- Attend the workshop conducted on occasion of **"A Two- Day National Seminar on React Trends in Applications of Differential Equations (RTADE-2018)".**
- Course completed in **"Basics of Python from the Infosys springboard."**
- One day virtual workshop on **"Electrical vehicle Three -Wheeler Design & Go To Marketing Strategy"**.
- One day virtual workshop on **"Power Train in Hybrid Electric Vehicle."**
- Participated in **"Build a Face Recognition Application using python as part of AI-For-India Event"** conducted by GUVI.
- Course completed in **"Programming for everybody (getting started with Python) by UNIVERSITY OF MICHIGAN"**.
- Completed **data analytical course by the Google.**
- Completed self -learning **"Front End development – HTML" by GREAT LEARNING**.
- Completed self-learning **"Python fundamentals for beginners & data structure "by GREAT LEARNING**

Personal Details:

Name	: P.Gangaraju
Father Name	: P.Yellaiah
Mother Name	: P.Anasurya
Date Of Birth	: 05-12-1999
Gender	: Male
Language Known	: English, Hindi and Telugu
Nationality	: Indian

Declaration:

I do here by declare that above written particulars are true to the best of knowledge.

Date :

Place : HYDERABAD **[P.GANGARAJU]**