POLA YASWANTH RANGASAI

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I am looking for a challenging role in a reputed company to utilize my engineering skills that can contribute to the company's growth as well as enhance my knowledge by exploring new things.

EDUCATION

Bachelor of Technology   **Madanapalle, A.P**
Electronics & Communication Engineering   *2020 – 2024*

- Madanapalle Institute of Technology & Science
- CGPA: 8.78/10

Board of Intermediate Education Andhra Pradesh   **Dharmavaram, A.P**
Class XI & XII / Intermediate   *2018 – 2020*

- Sri Sai Krupa Junior College
- CGPA: 9.25/10

Board of Secondary Education Andhra Pradesh   **Dharmavaram, A.P**
                                                                                                                  March – 2018

- Sri Chaitanya School
- CGPA: 9.7/10

PROJECTS

Multipliers using reversible logic gates   **Major Project**
                                                                                                                    2024
- Developed multipliers with enhanced properties, focusing on speed, power consumption, and lowerrange complexity.
- Implemented strategies utilizing reversible logic, a concept increasingly utilized across various industries.
- Enhanced effectiveness and performance of multipliers through the integration of these concepts.
- Classified multiple multipliers are based on reversible logic circuits to ensure improved performance.

IOT Based air pollution monitoring system   **Minor Project**
                                                                                                                    2023
- The air pollution monitoring system detects the gas by interfacing with the Arduino board and gas sensor MQ135.
- If any harmful gas is detected and goes beyond a certain level, this makes a buzzer sound, indicating that harmful gas is detected on the LCD display.
- The most useful application is in industrial areas. If we use this monitoring system around the industries, people near them can be safely guarded by knowing the level of pollution in the industry.

CERTIFICATES

- Perused 2 months online NPTEL course on "Computer Networks and Internet Protocol" by IIT Kharagpur.
- Perused 2 months online NPTEL course on "Ethics in Engineering Practice" by IIT Kharagpur.
- Successfully completed a 2 months course on "Data Visualization" in the platform of Coursera.

SKILLS

- Python Programming
- HTML/CSS
- SQL

Additional Skills

- Communicative and thinking.
- Proficient in MS Office (Word) Outlook.
- Fluent in English, Telugu and Hindi.

EXTRA CURRICULAR ACTIVITY

- I earned a medal from a handwriting competition held at school.
- I won second prize and received a certificate from the district drawing and painting competition organized by Iskon.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Signature: Pola Yaswanth Rangasai