

ALLU ANUSHA

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Objective:

A highly motivated and detail-oriented entry-level Embedded engineer with strong design and programming hardware. Proficient in Embedded C, Advanced C, Linux. Seeking a challenging position as a Embedded engineer with a focus on creating hardware designs, conducting tests, troubleshooting queries.

Academic Student Internship in PHYTECH INDIA:

Education:

- Bachelor of Technology, Miracle Educational Society Group of Institutions, (ECE).
- Board of Intermediate Education, (MPC) Andhra Pradesh, Sri Chaitanya Junior College, Carshed, Visakhapatnam.
- Secondary School Education, Abhyudaya High School, Bobbili.

Skills

- Embedded Systems
- Embedded C
- Advanced C
- Sensors
- Microcontrollers
- Linux
- IoT Platforms

Projects:

IoT Based Health monitoring System:

- Developed an IoT Based Health monitoring system using AD8232 ECG Module, MLX90614 Contact less infrared Digital Temperature sensor, Pulse sensor HW 827 and microcontrollers.
- Implemented wireless communication protocols (Wi-Fi, Bluetooth) for data transmission.
- Utilized IoT platforms (Arduino, ESP8266) for data collection and analysis
- Ubidots App used for data showing by the help of Wi-Fi. .
- Integrated cloud services for real-time health monitoring and Management.