

# GOWRNENI CHARANMOHAN

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## ABOUT ME

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As an graduate student, I am committed to expanding my knowledge of modern technology and acquiring the necessary skills to become a valuable asset to any esteemed organization. I am eager to continue my education and build a strong foundation in this field.

## CAREER OBJECTIVE

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Seeking a challenging and promising career in the dynamic landscape of the IT industry, where I can leverage my technical, analytical, and professional skills to their fullest potential. My objective is to enhance my existing knowledge and skills while exploring new technologies and innovative approaches within a managerial capacity. I am eager to contribute to the organization's success by driving organizational growth and exceeding business objectives while pursuing my passion for technology. I am looking for a position that provides ample opportunities for learning and growth, where I can lead teams effectively, manage projects efficiently, and foster a culture of continuous improvement.

## EDUCATION

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- **Cumberland University**  
*1 Cumberland Dr, Lebanon, TN 37087, United States*  
Master Science  
August 2023 - Present
- **KL University**  
*Vijayawada, Andhra Pradesh, India.*  
Bachelor of Technology -ELECTRONICS AND COMMUNICATION ENGINEERING; CGPA: 7.5  
July 2019 - March 2023
- **Narayana Junior College**  
*Andhra Pradesh, India.*  
Intermediate (MPC); CGPA: 8.13  
2017 - 2019
- **Narayana Junior College**  
*Andhra Pradesh, India.*  
X Class; CGPA: 9.3  
2016 - 2017

## TECHNICAL SKILLS

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- **Languages::** C, JAVA Basic, PYTHON, SQL.

## INTERNSHIPS

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**Team Lead, Manbrosys, Internship, DECEMBER 2023 - MARCH 2023.**

Project on NOBHUB Mobile application.

### 1) ECG monitoring through ESP32 and ubidots platform.

The ECG (Electrocardiogram) system primarily functions in the ESP32 microcontroller, which is connected to the ECG sensor with plate number 1. This sensor is a cost-effective solution for continuous wireless monitoring of heart rate, enabling you to keep a close eye on your heart rate through any compatible device. The ECG system provides accurate and detailed information about the electrical activity of the heart, giving you insights into your heart's health and functioning. With this real-time monitoring, you can take proactive measures to maintain a healthy heart and prevent any potential cardiac issues.

### 2) Ecg using arduino

The ECG, or electrocardiogram, is a medical device that records the electrical activity of the heart. In this case, an ECG was connected to an Arduino microcontroller, which in turn was connected to an ECG sensor with the plate

number 1. This sensor is a low-cost option for continuous monitoring of heart rate and can be easily monitored through a device. The ECG sensor detects the electrical signals produced by the heart and converts them into a measurable signal that can be displayed on a screen or recorded for analysis. This setup provides a simple and effective way to monitor heart rate for medical purposes or personal health tracking.

OTHER SKILLS

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**Languages Known:**  
ENGLISH, HINDI, TELUGU

OTHER INTERESTS

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Playing Cricket, Cooking, Browsing Network.