

B. GOVARDHAN

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## Objective

Seeking for a job to pursue highly rewarding career and healthy work environment where I can utilize my skills and knowledge efficiently for the organization growth.

## Education:

Qualifications	Institution	Specialization	Year of passing	Grade (CGPA/%)
<b>B. Tech</b>	Vel Tech University	Electrical and Electronics Engineering	2023	74.19%
<b>Intermediate</b>	Sri Chaitanya Junior College	M.P.C	2019	81%
<b>Matriculation</b>	Sri Imam Shareef (E.M) High School	S.S.C	2017	87%

## Skills & Abilities

### TECHNICAL SKILLS

- ✓ PROGRAMMING C
- ✓ C++
- ✓ DATA STRUCTURE
- ✓ EMBEDDED C
- ✓ RTOS
- ✓ PROTOCOLS (CAN, UART, SPI, I2C)
- ✓ ARM
- ✓ AT89C51(CONTROLLER)
- ✓ AUTOMOTIVE AND LINUX
- ✓ ARDUINO
- ✓ PROTEUS AND SOLDERING
- ✓ STM32

### PROJECTS

#### ✓ **Project 1: Automatic Pesticide Spraying Machine By Using Arduino**

The Main Aim of this project is to fabricate a remotely operated vehicle to perform the task of spraying pesticides, fertilizers in order to reduce the number of deaths of farmers due to poisoning side effects of this chemicals. For environment friendly we are going with small vehicle over drone that runs with batteries.

✓ **Project 2: A Handy Optical Wattmeter**

I created an Arduino-based circuit to display real-time power consumption using a pulsing LED from an energy meter. The Arduino monitors the LED's pulses, translating them into power usage data. This data controls an output LED's brightness or pulsing frequency, providing a visual representation of power consumption. Users can instantly gauge their energy usage, promoting more efficient consumption habits. Calibration ensures accuracy, matching LED pulses with actual power units. An optional display can show numeric consumption data. This project is a practical tool for energy management, offering immediate feedback and helping users

✓ **Project 3: Monitoring of temperature and humidity by using DHT-22 on Things speak and Local server**

I designed and implemented a temperature and humidity monitoring project utilizing the DHT-22 sensor. I successfully collected real-time temperature and humidity data. Project Leveraging Thing Speak cloud platform, I seamlessly transmitted the sensor data to the cloud, enabling remote visualization of environmental conditions. Additionally, By interfacing the ESP8266 with a local server and through HTML code, I have also displayed readings on the HTML page on the local server.

## **WORK EXPERIENCE**

- ✓ During my internship at Kwaliti Photonics Company, I gained hands-on experience in designing seven- segment displays, LED lights, and street lights. I also gained experience on PCB designs.
- ✓ Currently I am working in Comavia Systems & Technologies as a Graduate Engineer Trainee with 9 months experience.

## **PROFESSIONAL COURSE/WORKSHOPS ATTENDED:**

- ✓ Post graduate diploma in Embedded Systems design and development at Indian Institute of Embedded Systems - IIES, Bangalore.

## **PERSONAL DETAILS**

<b>DATE OF BIRTH</b>	: 29 <sup>th</sup> AUGUST 2002
<b>NATIONALITY</b>	: Indian
<b>GENDER</b>	: Male
<b>PERMANENT ADDRESS</b>	: D. No:4-78A, Old town, Mudigubba, Anantapur district
<b>PRESENT ADDRESS</b>	: D. No:26/A, 8thBlock, Koramangala, Bengaluru
<b>LANGUAGES KNOWN</b>	: English, Telugu, HINDI

## **DECLARATION**

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

DATE: -29-01-2025  
PLACE: -BANGLORE

SIGNATURE  
B.GOVARDHAN