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## RESUME

MANASA PULLA

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Date of Birth: 27 -June - 2000

Permanent Address: H-No:6-87, Jagadevpeta, Velgatoor, Jagityal, Telangana-505526.

## **CAREER OBJECTIVE**

I want to be a best skilled developer in technical field. I use my skill knowledge to work efficiently. I seek a company that will help me contribute to its development while concurrently aiding my persona growth.

## **ACADEMIC QUALIFICATIONS**

- B-Tech ECE from Trinity College of Engineering and Technology in 2018 to 2022 with the aggregate of 63.8%.
  - Intermediate from Sadhana junior college in 2018 with the aggregate of 68%
  - S.S.C Z.P.H.S Velgatoor in 2015 to 2016 with the aggregate of 8.5

## TECHNICAL SKILLS

- **Operating System** : Windows, Linux
  - **Programming languages** : Advance C programming, C++, Embedded C, TCP/IP, Java
  - **Networking** : I2C, Uart, SPI, CAN
  - **Microcontroller** : ARM
  - **Embedded Platforms** : Linux (Ubuntu), Keil uVision4
  - **Spoken Languages** : Telugu (Mother Tongue)  
English (Fluent)  
Hindi (Basics)

**PROJECTS:****Vector Projects:****Title: A SMS Based set point control & fault alerts using GSM technology.**

**Description:** This project aims to develop a remote monitoring and control system that leverages GSM technology to adjust system parameters and notify users about faults. The system integrates a GSM module with a micro controller to enable seamless communication via SMS for both user commands and fault alerts.

**Technologies used:****Hardware Requirements:**

UART Protocol, LPC2148 microcontroller, GSM module, 16X2 LCD, LM35, Buzzer, AT24c256, MQ-2(Smoke / GAS Sensor).

**Software Requirements:**

Programming in Embedded C, Keil-c Compiler, Flash magic.

**Academic projects:****Title: (Advanced Mobile Phone operated multipurpose agriculture robotic vehicle agribot)**

**Description:** Major Project: Advanced Mobile Phone operated multipurpose agriculture robotic vehicle agribot the agribot is a robot controlled by a smart phone for farming tasks. It can plant seeds, spray chemicals, and check plant health. With sensors, it gathers useful data, making farming easier and, more efficient, it can move across different types of land.

**Technologies used:****Hardware Requirements:**

Micro controller, Sensors, Motors, Power supply, Control unit, Relay, Solar panels, R Servo motor.

**Software Requirements:** picto blox,dabble,BLYNK**Training / Certificates:**

I have completed **6 months** training in **Advanced Embedded Systems** course in **Vector India Institute** at Hyderabad.

**Soft Skills:**

- Adaptability
- Teamwork
- Problem Solving
- Innovative

**DECLARATION**

I hereby declare that the above particulars of facts and information stated are true, correct and complete to the best of my belief and knowledge