

Rupas Yachavarapu

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CAREER OBJECTIVE:

To be associated with a best firm and enhancing my working capacities, professional skills on serving the organization in best possible way with determination and commitment.

ACADEMIC PROFILE:

Course	Institute	Year of passing	Percentage/CGPA
M.Tech(Emb&VLSI)	Pace institute of technology and sciences Engineering College	Pursuing (2025)	8.2(till semester)
B.Tech (EEE)	Pace institute of technology and sciences Engineering College	2021	7.1(CGPA)
Intermediate	S.A William booth Junior College	2017	82.9%
SSC	APSWRS school	2014	75%

Professional Summary

- Undergone Embedded Systems training from NZN Technologies, Hyderabad.
- Good knowledge and experience in developing interface for communication protocols **UART, I2C, SPI, and Basic Knowledge on CAN.**
- Good knowledge of 8051 Family controller (**AT89S52**), Arm controller (**LPC2129**) and **Arduino Ide** and **Raspberry pi** and **Machine learning (python)** hardware interfaces.

PROJECT DETAILS:

EMBEDDED PROJECTS:

Project Name : Flood Alerting System Using GSM Technology.

Team Size : 5

Technologies	: The main aim of this project is to alert the reservoir management whenever a flash flood occurs, the system will send an alert SMS and it will call a concern person mobile number and status will display on 16*2 LCD display. It uses GSM technology and ARM based microcontroller LPC2129.
Tools used	: Kiel μ v4 IDE, Flash Magic.
Sensors	: Float Sensor
Microcontroller used	: ARM LPC 2129.
Role	: Software Developer

TECHNICAL SKILLS:

Programming languages	: C program, Embedded C ,C++,python(Basic),Machine learning
Testing Tools	: CAN Automotive (CAN Analyzer, CAN Ape)
Device Drivers	: UART, I2C, SPI, GSM (SIM 800), UDS,gps,IOT servers
Sensors	: Float Sensor ,soil moisture ,dht11,ir sensor,mems,Bluetooth,Zigbee Ultra sonic, Rfid, flow sensor,pzem,
Interfaces	: LED, LCD(2X16), Keypad, Relay, RTC & Servo motor, motor driver switch,gps,gsm
Microcontroller	: AT89S52 (Atmel), ARM7 TDMI Architecture (32 bit Philips LPC 2129 (NXP),Arduino, node MCU, Arduino ,ESP32,Raspberry pi
IDE	: Keil μ v2 IDE, Keil μ v4 IDE, Keil μ v5, Arduino IDE,DEV C++

SOFT SKILLS:

- Creativity and logical
- Team work
- Communication skills
- Problem solving skills

ACHIVEMENTS:

- Got prize in District level quiz computation

STRENGTHS:

- Having good team spirit.
- Communication skills in English and Telugu.
- Positive attitude with cool mind set.
- Dealing situations in a diplomatic manner.

PERSONAL DETAILS:

Name : Y Rupas
Father's Name : Y China Yesu
Date of Birth : 10-05-1999
Address : H No: 1-42,Dosakayalapadu,
Talluru(Md), Prakasam (Dt)
Andhra Pradesh, Pincode-523252.
Gender : Male
Nationality : Indian
Languages Known : Telugu , English.
Hobbies : Listening to music, Playing Cricket ,
Reading Books.

DECLARATION :

I hereby declare that the above particulars furnished by me are authentic to the best of my knowledge

Place:

(Y Rupas)