

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
Ph.D	VIT university	Pursuing	
M.Tech(Emb& VLSI)	Pace institute of technology and sciences Engineering College	2025	7.5(CGPA)
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

- 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 concerned person mobile number and status will display on 16*2 LCD display. It uses GSM technology and ARM based microcontroller LPC2129.

Tools used : Kiel µv4 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 µv2 IDE, Keil µv4 IDE, Keil µv5, 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)