Rupas Yachavarapu

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**Contact No**: +91 6304839378



# 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** | **8.06CGPA)** |
| **B. Tech (EEE)** | **Pace institute of technology and sciences Engineering**  **College** | **2021** | **7.2(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 whenevera flash flood occurs, the system will send an alert SMS and it will call aconcern 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 learing

**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.

# EXPERINCE:

# Working as a Senior Embedded Engineer at Strydo Technologies for the past 3 years, leading the design and development of IoT and automation-based embedded systems using C/C++, ARM, and sensor integration.

# 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)