

# Yaswanth Peyyala

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LinkedIn

Embedded Engineer

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## Education:

Qualification	Institute / School	Year of passing	Percentage / CGPA
B-tech – ECE	Sri Vasavi Engineering College.	2019 - 2023	74.29% / 7.82
Intermediate - MPC	Narayana Junior College.	2017 - 2019	92.44% / 9.73
SSC	Narayana E. M. School.	2018 - 2019	93.10% / 9.80

## Summary:

To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills.

## Skills:

C      C++      OOPS      RTOS      Protocol      ARM      Python

## Project:

### *Smart Home:*

Home automation system that makes our lives more convenient and easier. It is based on IoT, so we can have the facility to control our home from anywhere in the world.

The microcontroller ESP32 (esp-dev-module) is programmed using Arduino under espressif apis which are available in Arduino board libraries. The Rainmaker is a IoT cloud for Home Automation which was openly available by espressif that we use to control home appliances attached to microcontroller through relay module. Rainmaker app is used to control the appliances and it is used to connect the Wi-Fi to microcontroller and whole project can be controlled by voice assistance (Google and Alexa) and IR remote. PIR sensor is used to automation in rooms. Gas and DHT sensors are used in kitchen. Project can be expandable by add more sensors for increasing.

“ESP-32, Arduino-IDE, ESP-Rainmaker, PIR, MQ6, DHT, Relay, IR”

## CERTIFICATIONS:

- **Python** - Coursera on programming for Everybody (python).
- **Embedded Software Engineering Boot-Camp Program** - Cranes Varsity, Bangalore

## ACHIEVEMENTS:

- I got first place on the hackathon held in Cranes Varsity (Bangalore).
- I got second place at the project expo held in JNTUK.