

# VANASETTY ROHIT

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## EDUCATION

### Bachelor of Technology in Electronics and Computer Science Engineering | Currently Pursuing

Vignan's Institute Of Information Technology, 2017 - 2021

### Intermediate in MPC | GPA: 62%

Sri Gayatri Jr. College, 2015 - 2017

### 10th in CBSE | GPA: 9.0

Navy Children School, 2014 - 2015

## PROJECT

### 1) Home Automation using Raspberry Pi and IoT

Role: - Team Leader / Whitebox Tester / Programmer

Team Size: - 4

Duration: - 1 Week

The main objective of this project is to build a smart home device which can be used to control the home appliances via internet.

### 2) Radar using Ultrasonic sensor

Role: - Team Leader / Whitebox Tester / Programmer

Team Size: - 2

Duration: - 1 Week

In this project we have used an **Ultrasonic Sensor** to determine the distance of an obstacle. A Graphical representation of the data from the sensor is represented in a Radar type display.

### 3) Automatic Water Tank Filling System and Monitoring Using Arduino

Role: - Team Leader / Whitebox Tester / Programmer

Team Size: - 2

Duration: - 1 Month

The system is designed to automatically switch the motor to fill water when tank is empty and test the quality of water and contamination in the tank.

### 4) AI ChatBot

Role: - Team Leader / Whitebox Tester / Programmer

Team Size: - 3

Duration: - 1 Month

This is a simple assistant programmed using python to help students learn better and clear their doubts.

### 5) Smartphone controlled Car

Role: - Team Leader / Whitebox Tester / Programmer

Team Size: - 3

Duration: - Currently working on

A smartphone-controlled Arduino 4 wheel drive robot car using WIFI. It can move forward and backward, left and right, change its speed, turn on / off front and back lights and also has a horn.

## CAREER OBJECTIVE

Looking for a challenging role in a reputable organization to utilize my technical, database, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.

## PROFESSIONAL SKILLS

Android Programming/Kotlin

Artificial Intelligence

Machine Learning

Internet of Things

SQL Programming

Python

C/C++

## ACCOMPLISHMENTS

- Exhibited a working project prototype in JNTUK university and got a participation certificate and appreciation from the principal of the university.
- Won 2nd prize in the Machine Learning competition held at JNTUK university.

## CERTIFICATES

- Internet of Things
- Artificial intelligence
- Machine Learning

## INTEREST

- Android development
- Making custom ROMs for android phones
- Reading content related to technology

## LANGUAGES

Urdu

Hindi

English

Telugu