

# VIKAS MANCHALA

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## SUMMARY

Self-motivated and hardworking graduate seeking an opportunity to work in a challenging environment to prove my coding skills and utilize my knowledge of various technologies for the growth of the organization while at the same time pursuing my individual growth.

## EDUCATION

EXAMINATION UNIVERSITY INSTITUTE			YEAR	CPI/ PERCENTAGE
B.Tech/B.E. (Electronics and Communication Engineering)	Karunya University	Karunya Institute Of Technology	2022	9.26/10.00
XII	State Board	Sri Chaitanya junior college	2018	94.80%
X	State Board	Sri Vivekananda English Medium High School	2016	9.50/10.00

## PROJECTS

### ARDUINO BASED VOICE CONTROLLED AND OBSTACLE DETECTING ROBOT

10 Jan'21 - 10 Apr'21

- The actions of the robot can be controlled by voice commands and to detect obstacle ultrasonic sensor is used.
- Bluetooth module is used to transmit the data from the device to microcontroller.

### AUTOMATED GROUND ROBOT FOR PATROLING AND SURVEILANCE

Aug'21 - On going

- The premise of our project is an intelligent autonomous ground robot that patrols the predefined and programmed route. It monitors and tracks all the activities continuously.

## EXPERIENCE

### NPHSAT SYSTEMS PVT.LTD.

Antenna Designer, 27 Jan'21 to 5 Mar'21

- Gained exposure in end-to-end development of antenna

## ACHIEVEMENTS

- Won first prize in paper presentation

Presented a paper on "**Safety ring for danger alert and personal protection**" and won First place during the ECE Association Event ECHO 2020 organized by the Department of ECE, Karunya Institute of Technology and Sciences.

## SKILLS

### OPERATING SYSTEM

Windows

### TOOLS

MS Word, MS Excel, Eclipse, keil, proteus

### DATABASES

Mysql

### PROGRAMMING LANGUAGES

C, C++, Java

## LANGUAGE

English

Professional

Hindi

Professional

Telugu

Professional

Tamil

Beginner

## HOBBIES

- Playing Cricket
- Travelling

designing, from requirement analysis to designing.

- Worked with Cubesat, Autodesk Fusion 360 for designing and simulating the antenna design.

## CERTIFICATES

### THE ARDUINO PLATFORM AND C PROGRAMMING

- This course gave an overview on Arduino board and Arduino IDE with some concepts of C programming.
- Gained knowledge in ATmega 328p microcontroller used in the Arduino board.

## STRENGTHS

- Quick learner, adaptive in nature, Positive approach to work, Confident to work as an individual and work with a team.

- Playing Chess