



# KRISHNA CHAITANYA BODA

## My Contact

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📍 29/1/10, Cinema road, Kakinada

## Technical Skills

- C language
- C++
- Basic knowledge of Linux (Ubuntu)
- 3d printing
- Proficient in electrical and electronics device repair.

## Personal Strengths

- Eager to learn
- Active contributo
- Leadership activities
- Effective Communication

## Education Background

Aditya College of Engineering  
B-Tech, Electrical and Electronics Enginneing  
2019 - 2023 (CGPA : 6.7)

Aditya college of Enginnering and Technology  
Diploma in Electrical and Electronics  
2016 - 2019 (Percentage: 74.56%)

Pragati little public school  
SSC  
2014-2015 (CGPA : 8.5)

## Hobbies

- Listening to music
- playing shuttle
- Cooking
- Restoring functionality of electrical and electronic goods that have sustained damage.

## Objective

To align my professional expertise and collaborative skills with the objectives of the organization I serve. I seek to facilitate the realization of the organization's goals while also creating a mutually beneficial outcome for both the organization and myself.

## Projects

### VIRTUAL ASSISTANCE HUMANOID ROBOT

- Developed a **humanoid robot capable of multitasking, including hand and eyeball movement as well as facial recognition**. Utilized 3D printing technology along with Raspberry Pi, Arduino Nano boards, and ESP8266.

### E-BIKE LOCKING AND SECURITY SYSTEM

- The vehicle security and tracking system combines Arduino, GSM, and GPS for **theft prevention and GPS-based tracking via SMS alerts**. Components include GPS receiver, GSM modem, RF sensors, and fingerprint sensor, ensuring comprehensive security and real-time vehicle monitoring.

### HAND GESTURE RECOGNITION FOR ELDERLY ASSISTANCE

- Led the development of an innovative IoT project focusing on **hand gesture recognition to assist elderly individuals**. This project utilized Arduino and C programming to interpret specific hand gestures, such as closing a finger, triggering outcomes like emergency alerts.

### Multi-Mode Smart Home Automation

- A versatile **home automation system that supports internet, Bluetooth, IR remote, and physical switches for seamless device control**. The system ensures reliable operation both online and offline, offering flexibility and convenience for users.

## Position and Responsibilities

- **President of Student Activity Council** in 2020-2021
- **Acted as a manager for Entrepreneur development cell** 2019-20
- Conducted various student activities and events, and acted as an interface between students and management

## Internship

- Completed a six-month internship at **Oil and Natural Gas Corporation (ONGC), HPHT Asset**.
- 1-year Product Designer Internship at Hydro Tribe Pvt. Ltd.
- Interned for six months at AK Technologies.

## Achievements

- We had a **grant of 3.5 lakhs for developing a project on "Crop Protection System From Animals"**.
- Established a startup in my 3rd year of engineering which showed immense potential and **delivered 130% return in 2 years**

## Workshops

- Electrical installation and maintenance workshop in APSSDC
- Attended workshop on induction motor basics at APSSDC