# Murari Manikanta Chowdry T

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## SUMMARY

Computer Science student and Tech YouTuber with hands-on experience in full-stack development and IoT automation. Skilled in C/C++, JavaScript, Node.js, React, and cloud integration. Quick learner, strong collaborator, and eager to contribute globally.

## SKILLS

**Programming Languages:** C, C++, Python, PostgreSQL

**Software & Technologies**: Cloud Computing (AWS), FullStack web developer P,IOT,DSA;

**Web Technology:** HTML, CSS, Bootstrap, JavaScript, Node.js, React.js, API's.

**Microcontrollers:** Arduino Uno, Mega, ESP8266, ESP32.

**Soft Skills:** Teamwork, Problem-solving, Analytical Thinking.

## EDUCATION

**GITAM UNIVERSITY**                                                                                    Bengaluru, Karnataka

Bachelor of Technology in Computer Science | CGPA: 8.7                                           2021-2025

**SRI VIDYANIKETHNA PU COLLEGE**                                                              Koppal, Karnataka

12th / PUC | Percentage: 83.33%                                                                              2019-2021

## CERTIFICATIONS

- DBMS & Data Structures – PrepInsta
- Full Stack Web Development by Udemy
- Summer Internship under faculty(advanced smart home automation).

## PROJECTS

1. **Precision Agriculture Farming using IoT(Major Project):** Precision Agriculture (Major): Smart farming using ESP32 & Blynk; crop prediction (Prophet model), crop suggestion (Random Forest), and real-time growth tracking.
2. **Country Visit Tracker Website:** Full-stack site with PostgreSQL & dynamic map rendering to mark visited countries.
3. **Simon Game Website:** Interactive game using HTML, CSS, JS & jQuery with animations and sound.
4. **Wireless door authenticator:** Biometric security system with 1.2 km range using Arduino & NRF24L01.
5. **IoT Home Automation:** ESP32-based mobile & voice-controlled system via Blynk IoT.
6. **Advanced RC Car with Wireless Control:** Long-range RC car with remote-controlled acceleration and direction.

## ACHIEVEMENTS
Secured **2nd place** in GITAM's **Code-A-Thon** by solving complex algorithmic and data structure challenges.
Robotics Workshop  GITAM– **1st place**