

# Gowtham Nukala

✉ gowthamnukala938@gmail.com

☎ 7993368519

📍 India.

🌐 [www.linkedin.com/in/gowthamnukala](https://www.linkedin.com/in/gowthamnukala)

🐙 [github.com/GowthamNukala](https://github.com/GowthamNukala)

## Skills

### Technical Skills

**Programming Languages:** Python, DSA, JavaScript, HTML, CSS

**Databases:** MySQL

**Tools:** Git, Visual Studio Code

### Behavioral Skills

- Leadership
- Team Player

## Education

**Bachelor of Technology in Electronic's and Communication Engineering,** 2020 – 2024  
Seshadri Rao Gudlavalleru Engineering College, India.  
CGPA : 7.0

**Intermediate (MPC), Sri Chaitanya Junior College** 2018 – 2020  
CGPA : 8.3

**10 Grade, Sri Chaitanya Techno School** 2018  
CGPA : 9.2

## Certificates

- The Joy Of Computing Using Python - NPTEL (2023)
- Machine Learning and Deep Learning – Google Developer Program (2023)
- AWS Academy Graduate - AWS Academy Machine Learning Foundations

## Projects

**Enhancing Parkinson's Disease Detection Accuracy Using Vocal Biomarkers** 2024 Jan – 2024 Apr

- Authored a paper that detailed innovative techniques applied for improving model precision by 20% when analyzing complex medical datasets associated with Parkinson's disease, published in IRJET.
- Analyzed over 1 million medical records to enhance early detection strategies for Parkinson's disease, producing actionable insights that contributed to improved diagnostic protocols within healthcare settings.
- Conducted comprehensive studies leading up to publication showcasing how optimized feature selection elevated predictive accuracy by processing over 1 million records within existing healthcare datasets relevant for Parkinson's detection.

### Smart Attendance System Using Face Recognition

2023 Sep – 2023 Dec

- Developed an Analyzed face recognition system to simplify attendance tracking, reducing manual effort by 80%.
- Built a training database with 100+ faces using Python and OpenCV, ach5% accuracy.
- Automated attendance logging into spreadsheets, improving administrative efficiency by 50%.

### IoT-Based Moisture Control System for Plants

2023 Jun – 2023 Dec

- Designed and developed an intelligent soil moisture sensing network that autonomously controls irrigation schedules based on environmental factors, ensuring healthy growth conditions for over 100 indoor plants without user intervention.
- Reduced water usage by 30% through precise moisture level detection.
- Developed a fully implemented watering system utilizing sensor data to determine optimal soil hydration levels; reduced unnecessary water usage by approximately 30% while maintaining the health of diverse plant species.

### An Evaluation Of Gold Covering And Plastic Manufacturing(CSP)

2023 Jan – 2023 May

Process and making of gold covering and plastic manufacturing.

### Personal Portfolio Website

Delivered an engaging online presence through the creation of a portfolio site featuring interactive elements; garnered feedback from peers leading to streamlined project presentations and increased engagement rates by approximately 30%.

## AWARDS & ACHIEVEMENTS

**Participated in presenting the real-time model for Moisture Controller System at V.R. Siddhartha Engineering College, 2023.,**

2023

*V.R. Siddhartha Engineering college, Vijayawada*

**Published research on Parkinson's Disease Detection in IRJET, 2024.**

## Languages

- Telugu
- English
- Hindi

## Interests

Networking technology, IoT innovations, and exploring machine learning applications.

## Declaration

I hereby declare that the details and information given above are complete and true to the best of my knowledge.

---

**Gowtham Nukala**