

# MANKU NAGA SATYA SAI ANIL

✉ nssanilmanku9@gmail.com

☎ 8374640799

📍 Tanuku, Andhra Pradesh

🌐 <https://www.linkedin.com/in/manku-naga-satya-sai-anil-b848a2269>

## 👤 Profile

Aspiring for a significant and challenging career. To work in a professional environment where I can contribute myself and enrich my skills according to work achieving the organizational goals. Accumulating new concepts and knowledge.

## 🎓 Education

### B.Tech Electronics and Communication Technology

2020 – 2024

SRI VASAVI ENGINEERING COLLEGE  
7.33(CGPA)

### INTERMEDIATE: MPC

2018 – 2020

SASI JUNIOR COLLEGE  
8.23(CGPA)

### 10TH: SSC

2017 – 2018

BHASHYAM E.M HIGH  
SCHOOL  
8.3(CGPA)

## 🌐 Languages

- Telugu
- English

## 🧠 Skills

Python.  
HTML,CSS,JS.  
Machine Learning.  
JAVA.  
DBMS & SQL.  
Power BI.  
C,C++.  
Dot Net, React JS.

## 🔗 Interests

- Writing Dairy
- Listening to Music
- Playing indoor and outdoor games

## 💼 INTERNSHIPS

- web development virtual internship.
- AI & ML virtual internship - Edunet.
- ML with python - Spypro Security Solutions.

## 📁 Projects

### Agriculture Hybrid Models & Plant Disease Detection using DL

Developed hybrid models integrating traditional agricultural practices with modern technology to optimize crop yields and resource utilization. Utilized deep learning techniques to accurately predict plant diseases, enabling proactive measures for disease prevention and management in agricultural settings. Demonstrated proficiency in leveraging data-driven approaches to address agricultural challenges, thereby enhancing productivity and sustainability.

### Text-To-Speech Recognition using Python

Developed and implemented text-to-speech solutions using Python libraries such as GTTS and pyttsx3 to convert written text into spoken. Demonstrated adeptness in computer vision principles and practical application by utilizing OpenCV for image processing tasks, showcasing strong skills in enhancing visual output.

### LPG Gas Leakage Detection System Using Arduino

LPG gas leakage detection using an Arduino involves integrating gas sensors with the board to monitor LPG concentration. These sensors detect gas levels and convert them into electrical signals for Arduino processing. When the gas concentration surpasses a set threshold, the Arduino triggers safety measures like alarms or gas supply cutoffs. This setup offers proactive detection and mitigation of potential gas leakage hazards.

## 📜 Certificates

- Arduino with scratch Issued by APSSDC
- Iot use cases and development Issued by Purple Tech Solutions(AICTE)
- Python basics Issued by HackerRank
- HTML & CSS Issued by bitlabs
- Artificial Intelligence and Machine Learning – Edunet

## 🧠 STRENGTHS

- Eagerness to Learn
- Positive Attitude

## 🏆 ACHIEVEMENTS

Received first prize for outstanding project performance during internship at spypro security solutions.

## 🧩 EXTRACURRICULAR ACTIVITIES

- Participation certificate in Mind Eye & Brain Storming in TechEuphoria 2K23.
- Participation certificate in Free Human Resource Skills Workshop at TAREEQA GLOBAL SOLUTIONS PVT.LTD.