

# Venkatolla Pranay Kumar Goud

B.Tech. - Electronics & Communication Engineering

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🐙 <https://github.com/pranaykumar2210>

🔗 <https://pranaykumar2210.github.io/myportfolio/>



## CAREER OBJECTIVE

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To start my career as an Electronics and Communication Engineer in a reputed organization where I can apply my knowledge in electronics, communication systems, and programming, while continuously upgrading my skills to contribute to both core engineering and IT/software solutions.

## EDUCATION

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<b>B.Tech. - Electronics &amp; Communication Engineering,</b> <i>CMR Institute of Technology, Kandlakoya</i> CGPA: 7.14 / 10	2021 – 2025 Hyderabad, India
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<b>Intermediate-MPC,</b> <i>St Anthonys Junior College, Kompally</i> Percentage: 82.4/100	2019 – 2021 Hyderabad, India
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<b>SSC,</b> <i>St claret School, Athavally</i> CGPA : 9.2/10	2018 – 2019 Hyderabad, India
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## TECHNICAL SKILLS

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- **Programming:** C, Java, Python
- **Web Technologies:** HTML, CSS, JavaScript
- **Databases:** MySQL
- **Tools & Platforms:** Github, VS Code, MATLAB
- **Electronics & Hardware:** IoT, Verilog, Analog Circuits

## PROJECTS

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### ONLINE PORTFOLIO WEBSITE

- Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase projects and skills.
- Hosted on GitHub Pages.

### INTERNET OF THINGS (IOT) FOR BANK LOCKER SECURITY SYSTEM

- Developed a **smart bank locker system** using IoT for enhanced security and remote access.
- Implemented **biometric authentication, real-time monitoring, and alert mechanism** to ensure safety.
- Tools/Technologies: IoT, Embedded Systems.

### E-AGRICULTURE : IRRIGATION SYSTEM BASED ON WEATHER FORECASTING

- Developed an **automated irrigation system** using IoT that adjusts water supply based on real-time weather forecasts and soil conditions.
- Enhanced water efficiency and crop yield through **sensor integration and predictive analysis**.
- Tools/Technologies: IoT, Embedded Systems.

## INTERNSHIPS

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### **PYTHON INTERSHIP**, *Edugene technology*

During my internship at Edugene Technologies, I developed strong Python programming skills and learned to apply them in practical scenarios. Through consistent practice, I gained a deeper understanding of problem-solving techniques and how to approach challenges effectively. This experience has significantly increased my confidence in using Python to solve real-world problems.

08/2023 – 10/2023  
Hyderabad, Telangana,  
India

## CERTIFICATIONS

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- **Python programming**- Infosys Springboard
- **Data Science**- Infosys Springboard

## ACHIEVEMENTS

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**Secured A1 grade during performance evaluation in Entrepreneurship Orientation Program,**  
*The Nation Small Industries Corporation Limited*

## HOBBIES

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- Playing Cricket
- Listening Music