

# MAYUR GANGIREDDY

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## Career Objective

I am a Computer Science and Engineering graduate with a specialization in Artificial Intelligence and Machine Learning. I possess strong skills in Python, AI, ML, Android development, and frontend development. Passionate about problem-solving and innovation, I enjoy developing practical solutions that address real-world challenges. With excellent communication, collaboration, and leadership abilities, I thrive in both independent and team-oriented environments. I am continuously eager to learn new technologies and contribute to advancing the field of technology through impactful and meaningful work.

## Education

### SPHOORTHY ENGINEERING COLLEGE, HYDERABAD, INDIA Hyderabad, TG

2021-2025

*Bachelors of Technology in Computer Science-AIML*

### SRI GAYATRI JUNIOR COLLEGE, HYDERABAD, INDIA Hyderabad, TG

2019-2021

*Board of Intermediate Education - MPC*

## Skills

**Programming Languages:** Python Programming, Java, c, JavaScript, R

**Database and Data Storage:** MySQL, Firebase

**Operating Systems:** Windows

**IDEs:** Visual Studio, Jupyter, Pycharm, Android Studio

**Frontend:** HTML, CSS.

**Soft Skills:** Communication, Problem Solving, Adaptability, Spearheaded

## Projects

**Post-CNN framework for precise ship detection in high-resolution optical satellite imagery** – Developing a post-CNN method is proposed for ship extraction from high-resolution optical images. It first detects ship proposals by classifying water and non-water regions, then extracts ships using a trained CNN

**Android Applications:** Developed the **Criminal Laws by TGPA** app, available on the [Play Store](#), to enhance operational efficiency for the Telangana State Police and also developed the **SPHN Hostel** app, designed to streamline hostel management, yet to be launched

**Intelligent Agricultural & Climate Data Q&A System:** Designed a conversational analytics system that answers natural language queries by integrating government crop production and rainfall data, enabling cross-domain insights with full data traceability.

**Interactive Solar System Visualization:** A beautiful, interactive 3D visualization of our solar system built with React. This project provides an educational and visually stunning way to explore the planets in our solar system.

## Internships

### Java Programmer - Acmegrade

11/2023 to 01/2024

- Designed, implemented, and maintained Java-based applications that can be high-volume and low-latency
- Envisioned system features and functionality

## Certifications

- Certified C programmer by HackerRank
- Certified JAVA programmer by HackerRank
- Certified Python programmer by HackerRank
- IBM SkillsBuild (Artificial Intelligence Fundamentals)

## Accomplishments

Achieved top honors in national and college-level coding competitions, including 1st place in Robocode at Prazasti-2024 and Smart India Hackathon participation.