

# PANYAM RANGA REDDY GARI POOJITHA

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## Objective

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To secure a job in a software company where I can make use of my analytical skills to put them into the theoretical knowledge into practical usage to take part in further development and reach my goals

## Education

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| <b>Gandhi Institute of Technology and Management , Bengaluru , India</b><br><b>Campus : GITAM, India</b> <ul style="list-style-type: none"><li>B.Tech in Electronics and Communication Engineering AIML   CGPA: <b>9 / 10</b></li></ul> | <b>2022 - 2025</b> |
| <b>VASAVI POLYTECHNIC , India</b> <ul style="list-style-type: none"><li>Diploma Aggregate: 95.2%</li></ul>  | <b>2019 - 2021</b> |
| <b>AUXILIUM VIDYA NIKETHAN, India</b> <ul style="list-style-type: none"><li>Class X, Aggregate: 93%</li></ul>   | <b>2018 - 2019</b> |

## Skills

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C | PYTHON

## Work Experience

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### Maker Space | Product Engineering Intern

- Engineered a sophisticated system using advanced sensor data processing
- Implemented single regression algorithms for real-time decision-making
- Integrated infrared sensors for line detection and PID control algorithms for smooth maneuvering.
- Achieved real-time responsiveness through microcontroller programming and motor driver integration.

## Projects

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### 1. LINE FOLLOWER ROBOT:

- Proficient in utilizing infrared sensors and PID control algorithms to develop precise line-following capabilities in autonomous robots.
- Experienced in programming microcontrollers and implementing motor drivers for seamless control of robot movement along predefined paths, showcasing adeptness in hardware-software integration.'

### 2. OBJECT DETECTION USING YOLO:

- Proficient in leveraging YOLO for efficient object detection by treating it as a single regression problem, enabling instant prediction of bounding boxes and class probabilities for multiple objects in images and videos.
- Skilled in implementing YOLO-based solutions for real-time applications, facilitating simultaneous detection of multiple objects within cluttered scenes with high accuracy, thereby streamlining processes and enhancing efficiency.

## Academic Achievements

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Member in Perspective arts club

## Certifications

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- Project Management Fundamentals by **IBM**
- Embedded Developer Virtual Internship by **EduSkills**
- Introduction to Cybersecurity by **CISCO Networking Academy**

## Individual Skills

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- Good Communication Skills
- Team Work, Positive Thinking and Creative

