MARTHA SURYA TEJA

ROBOTICS & AUTOMATION ENGINEER

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PROFILE INFO

As a dedicated Robotics and Automation Engineer, I bring a passion for innovation in creating cutting-edge solutions that seamlessly blend hardware and software components.

My expertise lies in the dynamic intersection of robotics, Raspberry Pi, Arduino, and Internet of Things (IoT). Over the course of my career, I have successfully conceptualized, designed, and implemented various projects, showcasing a strong commitment to pushing the boundaries of technology

SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

LANGUAGES

- Telugu
- English
- Hindi

EDUCATION

2022
2025
B. TECH IN ROBOTICS AND AUTOMATION ENGINEERING
VIGNAN'S FOUNDATION FOR SCIENCE TECHNOLOGY AND RESEARCH

2019
2022
DIPLOMA IN AUTOMATION AND ROBOTICS ENGINEERING
CENTRAL INSTITUTE OF TOOL DESIGN

PROJECTS

2023
NOW
Design and development of low-cost multi-functional robot
Semi-Humanoid Robot
- The Robot the ability of Voice recognition and text to voice conversion.
- It can perform autonomous navigation with its on board sensors
- It has high precision in facial recognition and gesture control.

2024
NOW
IRAVATH
Autonomous Rover with RRR manipulator
- The Rover can perform autonomous pick and place operations.
- Rocker Bogie mechanism helps the rover to be stable in uneven terrains.
- The overall system will br controlled using ROS and LIDAR system

CERTIFICATIONS

- The Joy of Computing Python certificate by NPTEL
- Certified Robot Process Automation practitioner by NAASCOM(Futureskills Prime)
- B1 (PET) level in English proficiency by Cambridge University