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Lingampally, Hyderabad

Education

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

2022 - 2025

Expertise

Robot Process Automation

3D CAD Designing

Mobile Robotics

Robot Operating System

PLC Programming

Pneumatics & Hydraulics

Language

English

Hindi

Telugu

Marathi

BISA SAITEJASWINI RAO

ROBOTICS AND AUTOMATION ENGINEER

Profile

A highly motivated and result-oriented Robotics & Automation Engineer with experience in designing, developing, and implementing innovative robotic solutions. Possesses strong skills in communication, programming, hardware integration, and project management. Proven ability to work independently and collaboratively to achieve project objectives within budget and timeframe constraints. Eager to leverage expertise in ROS, Raspberry Pi, Arduino, and IoT to contribute to a dynamic and challenging environment.

Work Experience

2023
-
NOW

VISHISHTAH

A Semi - Humanoid Robot with Autonomous capabilities

- It can perform autonomous navigation with its on board sensors
- It has high precision in facial recognition and gesture control.

2023
-
2023

VINATA

Interactive Greeting Robot

- The Robot the ability of Voice recognition and text to voice conversion
- Greet with Hand Gestures

2023
-
2024

IRAVATH

Autonomous Rover with Rocker - Bogie Mechanism

- The Rover can perform autonomous pick and place operations
- Rocker Bogie mechanism helps the rover to be stable in uneven terrains.

2024
-
2024

PARAG

Self - Balancing Robot

- Enhanced Stability with Advanced Sensors
- Compact and Energy-Efficient Design

Certifications

- The Joy of Computing Python certificate by NPTEL
- Certified Robot Process Automation Practitioner by NAASCOM
- B1 (PET) & B2 (BEC) level in English proficiency by Cambridge University
- Achieved 'B' certificate in NCC