






ABDUL HAMEED.A

Robotic Engineer

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About Me

Passionate student with a strong interest in robotics and automation, focused on creating smart, practical solutions through continuous learning and innovation.

Skills

- Leadership
- Team work
- Adaptability
- Problem solving
- Communication
- Project management
- Robot programing

Education

- Bachelor of Engineering
Robotics and Automation
Easwari engineering college - Chennai 2022 - 2026

INTERNSHIP

- Robot Electrical design & mechanical assembly
DOTWORLD TECHNOLOGY PVT LTD 2024
31 DAYS
 - Executed electrical harnessing for different machines.
 - Worked in mechanical assembly of AMR .
 - worked in research and development of mobile robot.
- Robot programming
DOTWORLD TECHNOLOGY PVT LTD 2025
current
 - programming industrial robot for textile applications.
 - programming co-bot for cleaning application.

PROJECTS

- Autonomous drone
Designed autonomous drone using Pixhawk 2.4.8, integrating GPS and sensors for precise navigation. It features a programmable payload mechanism for deliveries, controlled via Mission Planner for fully autonomous missions, showcasing advanced UAV capabilities in tasks like aerial surveying and package delivery
- Smart chaffing dish
Designed and implemented a smart food warming system using ESP32 and Arduino that monitors food quantity and controls temperature via sensors . Enabled remote access through IoT cloud integration to enhance efficiency, reduce waste, and improve food service in buffet settings.

References

Aravind Ravichandran

Dotworld technologies / COO

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