



PARTH WASUDEO KANATE

ROBOTICS AND AUTOMATION ENGINEERING STUDENT

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ROBOTICS IN NUTSHELL

- Founded a content series to simplify robotics concepts.
- Shared **50+ posts** on tools, trends & project ideas.
- Built a **7K+ follower** community on LinkedIn.
- Helped peers learn Robotics and Automation Concepts.
- Bridging academics with real-world robotics.

SKILLS

- Hydraulics & Pneumatics
- RoboDK
- Siemens Tecnomatix
- MATLAB
- PLC Ladder programming
- Fusion 360
- Microcontrollers
- Arduino
- Robot Programming
- Python Programming

CERTIFICATIONS

- Godrej Certification
- Case Studies on Robotics, AI and IOT
- Operations Industrial Engineer Job Simulation
- Smart India Hackathon
- Introduction to MATLAB

LANGUAGES

- German (A1)
- English
- Hindi
- Marathi

HOBBIES

- Playing Tabla
- Playing Badminton
- Playing Chess
- Reading Books
- Cycling

SUMMARY

Final Year B.E. student in Robotics and Automation Engineering with a strong foundation in automation, control systems, and mechatronics. Passionate about developing intelligent robotic solutions by integrating mechanical design and programming. Skilled in tools like Tecnomatix, RoboDK, and experienced with microcontrollers.

Actively growing a personal brand on LinkedIn to share insights and support fellow robotics students. Eager to apply technical skills and a problem-solving mindset to innovative projects in robotics, AI, and automation.

WORK EXPERIENCE

1) Robotics & AI Intern

| Feb 2025 - April 2025

• Godrej

(Working with RoboDK, RT Toolbox, Automation Studio, Siemens TIA Portal, PLC programming).

2) Web Development Intern

• Foodvez Pvt.Ltd

| Dec 2024 - Jan 2025

(Working with HTML, CSS, Canva & handling Social Media Platform).

PROJECTS

- **Obstacle Avoiding Car** – Autonomous Arduino-based car with real-time obstacle detection using sensors.
- **Smart Home Automation Simulation** - Cisco Packet Tracer
- **DM002 Drone Project** - Built and configured the DM002 quadcopter using motors, ESCs, and a flight controller.
- **Siemens Plant Simulation Project** - Simulated factory layout to analyze flow, cycle time & bottlenecks.
- **Nature-Inspired Foldable Rotorcraft**- (In Process)

EDUCATION

Bachelor of Engineering (B.E.) – Robotics and Automation Engineering

All India Shri Shivaji Memorial Society's College of Engineering, SPPU

CGPA: 9.57 / 10

Honors: Data Science and Visualization

PARTICIPATIONS

- Smart India Hackathon (SIH) 2024 –Participant
- Inter-College Robotics Competitions – Participant
- Interdepartment Sports - Participant
- Participated in TEDx Event – Attended a Expert talks.