ANKUR UJAWANE

ROBOTICS AND AI ENTHUSIAST

9096400328 | ankurujawane@gmail.com | LinkedIn Profile

EDUCATION

DYPATIL COLLEGE OF ENGINEERING   **Aug 2023 - June 2027 (Expected)**
- B.E in ROBOTICS AND AUTOMATION
- COURSEWORK :- Robotics , automation , control system , AI fundamentals
- SGPA :- 9.05 (Current)

SOMALWAR NIKALUS JUNIOR COLLEGE , NAGPUR   **2021 - 2023**
- XII (STATE)
- PCM with Computer Science as Bifocal
- PERCENTAGE :- 77

PROFESSIONAL EXPERIENCE

SK Natural Farms | Internship | Robotic Intern | Remote
- Conducted in-depth market research on drone components analyzing suppliers, pricing trends, and performance benchmarks
- Organized and compiledl technical documentation from scratch for DGCA drone type certification

DRONE DYNAMICS HUB | CollegeClub | Hardware Domain
- Mastered drone handling and hardware interfacing through active participation in operational sessions.
- Applied basic Iot concepts in simulation mini-projects to enhance drone functionality.
- Collaborated with peers to propose innovative drone technology improvements.

PROJECTS

TELEOPERATED UNDERWATER WELDING BOT

Led the design and development of a dual-unit underwater welding bot for marine repair applications using wet SMAW welding technique.
- 1st Place – College Level Innovation Competition
- 2nd Place + Cash Prize – Inter-College Project Competition

CERTIFICATE

- Prompt Engineering Mastery   Link
- Python Programming for Beginners: Learn Python from Scratch   Link
- NPTEL Certification (Introduction to micro-sensors)   Link

TECHNICAL SKILLS

ROS	Python	Drone hardware interfacing
Ai Prompting	Robotics System	Iot

ADDITIONAL

- Problem-Solving: Tackled complex challenges in robotics projects, optimizing solutions for efficiency.
- Time Management: Balanced academics and Drone Club activities, meeting project deadlines effectively.
- Presentation Skills: Delivered clear, technical presentations on AI and robotics concepts to peers.
- Team Collaboration: Worked effectively in group settings, contributing to innovative drone technology solutions.
- Language Proficiency: Fluent in English, Hindi, and Marathi, enhancing communication in diverse teams.