

EDUCATION

- **Modern Education Society College of Engineering** Pune, Maharashtra
Bachelor of Engineering in Automation & Robotics *Expected July 2026*
 - **Relevant Coursework:** Robotics IIT-K (NPTEL) & CS50P (Python)

PROJECTS

- **5-DOF Robotic Manipulator with Gesture Control** | *ESP32, Flex Sensors, Robotics*
 - Built a 5-DOF robotic manipulator with teleoperation using gesture control. Utilizes ESP32 for wireless communication and flex sensor for hand tracking. The project explores human-robot interaction through intuitive control gestures.
- **YouTube Video Transcription Application** | *Python, RegEx*
 - Built a regex-based transcription application that transcribes YouTube videos with automated text processing and pattern matching capabilities.
- **Nothing OS Inspired Icon Pack** | *Figma, UI/UX Design*
 - Designed a comprehensive icon pack inspired by Nothing OS aesthetic, featuring minimalist design principles and consistent visual language.

EXPERIENCE

- **Copywriter** Remote
cryptoprism.io *2024*
 - Worked as a technical content copywriter for a DEX screener SaaS product targeting cryptocurrency users, improving user engagement and product adoption.

TECHNICAL SKILLS

Languages: Python, MATLAB
Tools & Technologies: ESP32, Robotics, Figma, LaTeX, Git
Areas of Interest: Automation, Robotics, Machine Learning, UI/UX Design

EXTRACURRICULAR COURSES

- From Big Bang to Black Holes - Tokyo University (Coursera)
- CS50 Introduction to Python - Harvard University
- CS50 Introduction to Artificial Intelligence - Harvard University

LEADERSHIP & SOCIAL ENGAGEMENTS

- **Co-founder, Avinya Club:** Founded project-focused club for hackathons and technical development at MESWCOE Pune
- **Technical Head, ASME Student Chapter:** Led technical initiatives and projects as head of American Society of Mechanical Engineering Student Chapter at MESWCOE Pune
- **Event Organizer & Speaker:** Organized various technical events and served as keynote speaker, winning multiple competitions

INTERESTS & HOBBIES

Reading: Non-fiction, Evolution, Physics, Philosophy, Astronomy, Science Fiction
Music: Instrumental, Original Soundtracks
Writing: Technical blogs, Poetry, Personal journals