

Curriculum Vitae

Harshit

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Professional Summary

Enthusiastic and self-driven engineering student at MNNIT Allahabad with hands-on experience in robotics and aeromodelling projects. Proven ability to design, build, and demonstrate innovative solutions. Strong communication and analytical skills with a passion for problem-solving and team collaboration.

Education

Bachelor of Technology (B.Tech) in Mechanical Engineering

Motilal Nehru National Institute of Technology (MNNIT), Allahabad

Expected Graduation: May 2028

Projects

Autonomous Robot Car

- Designed and built a robot car capable of detecting markings and autonomously following predefined paths.
- Secured 3rd position in a robotics competition held at MNNIT Allahabad.
- Technologies used: IR sensors, Arduino, motor driver, line following algorithm.

Remote-Controlled Plane Glider

- Developed a functional remote-controlled plane glider.
- Reached the final round of a national-level aeromodelling competition.
- Gained hands-on experience with servo motors, wireless modules, and aerodynamic modeling.

Achievements

1st Place in Hindi Parliamentary Debate Competition at MNNIT Allahabad.

3rd Place in Robotics Event (Line Following Robot) at MNNIT Tech Fest.

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Finalist in the Falcon competition, where participants were required to build and fly a remote-controlled glider.

Skills

Programming Languages: C, C++, Python (basic)

Hardware Platforms: Arduino, Raspberry Pi (basic exposure)

Tools & Libraries: Proteus, TinkerCAD, MATLAB (basic)

Soft Skills: Public speaking, teamwork, time management

Languages

Hindi (Native)

English (Professional Proficiency)

Interests

Robotics and Embedded Systems

Aeromodelling and Drones

Competitive Debating

Technology Blogs and DIY Projects