

Aditya Singh

Mechanical Engineering Student

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• OBJECTIVE

Mechanical engineering student with hands-on experience in CAD, fabrication and a student formula racing team. Seeking a graduate engineer role in design or manufacturing.

• EDUCATION

B.Tech, Mechanical Engineering

2022 — 2026

Northern Institute of Engineering & Technology • CGPA 8.3 / 10

Class XII (UP Board)

2022

Aster Grove Inter College • 90.8%

• INTERNSHIP

Jun — Jul 2025

Hosur

Summer Trainee

Kestrel Mobility

- Studied assembly-line bottlenecks and proposed a fixture that saved 12 s per unit.

• PROJECTS

2023 — 2025

Formula Student car — chassis team

SolidWorks, ANSYS

- Designed the space-frame chassis; cut weight by 8 kg while improving stiffness.

2024

Solar-powered vegetable dryer

Fabrication

- Built a low-cost dryer prototype for a village self-help group.

• SKILLS

CAD modelling FEA Manufacturing processes GD&T basics Teamwork

• ACHIEVEMENTS

- National-level rank, student formula event (2024)
- Merit scholarship (2023, 2024)

• LEADERSHIP

- Captain, college football team