NAVYA CHADDHA

STUDENT

CONTACT

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STRENGTHS

- Teamwork
- Public Speaking
- Creative Thinking
- Leadership
- Problem Solving

SKILLS

- C/C++
- Java
- Differential & Integral Calculus & Linear Algebra. (Intermediate level)
- Python (Intermediate)
- Computational Math with NumPy, Pandas, and Matplotlib.(Beginner)
- Content Writing
- Product Designing

SOCIETIES

- Jaypee Debsoc - Debating society
- AI ML club

PROFILE

Mathematics and Computing Freshman at JIIT Noida with interest in Sustainable Technology and Aerospace Systems.
Committed to building efficient, tech-driven solutions that contribute to environmental conservation and aerospace innovation.

PROJECTS

Cointroller

As the Developer Lead, I conceptualised and engineered COINTROLLER, a high-performance, console-based financial management engine built entirely in pure C.
My role involved designing the core logic to transform mundane expense tracking into a gamified, interactive experience while ensuring memory efficiency and data integrity.

Zenith

As the Founder and Lead Developer, I am engineering Zenith, an immersive "e-newspaper".I lead the technical development and content strategy, transforming traditional blogging into an interactive, AI-enhanced educational experience.

TerraLoop

As a hackathon finalist project, my Teammates and I engineered an AI-first platform to tackle India's ₹92,000 crore agricultural waste crisis. We architected a Computer Vision engine for instant assessment of produce freshness and led the implementation of a multilingual interface to ensure accessibility for diverse local vendors.

EDUCATION

Jaypee Institute of Information Technology 2025-2029
Sector 62|Btech Maths and Computing
SGPA (1st semester) : 8.9

St. Mary's Convent Inter College Prayagraj 2012-2025
ISC(XII) : 96.75% (**School Topper**)
ISCE(X): 98.4% (**School Topper**)

AWARDS

- Best Delegate Award at the SAMUN Model United Nations — 2024
- General Proficiency for Computer Science(Java) (XI) — 2024
- Merit award for being among the top rankers of school — 2023 &2025
- 2nd postion in interschool SpellBee competition — 2024