

# SUNNY KUMAR

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## EDUCATION

**Chemical Engineering | B. Tech** | BIT Mesra, Ranchi, Jharkhand CGPA-7.19 | (Nov 2022 - May 2026)  
**XII (CBSE)** | DAV Public School Tapin North, Jharkhand 95.4 % | 2021  
**X (CBSE)** | DAV Public School Tapin North, Jharkhand 96 % | 2019

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## WORK EXPERIENCE

**Rashtriya Ispat Nigam Limited**

*Intern*

July 2024 - August 2024

Visakhapatnam, India

- Investigated cryogenic air separation through fractional distillation, isolating nitrogen, oxygen, and argon.
- Analyzed and optimized operational parameters of distillation columns for enhanced efficiency.
- Assessed industrial applications and ensured adherence to safety and environmental standards.
- Compiled a detailed report summarizing findings and actionable recommendations.

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## POSITION OF RESPONSIBILITY

**Sponsorship Head | Team Aveon Racing | BIT Mesra, Ranchi, Jharkhand**

Aug 2023 - Dec 2024

- Secured ₹3+ lakhs in sponsorships from corporate and local business partners.
- Collaborated with the Finance team to draft a ₹5 lakh+ annual budget and oversaw fund allocation across departments.
- Established long-term partnerships with 10+ alumni and local businesses.

**Head Boy | DAV Public School, Tapin North, Ramgarh, Jharkhand**

April 2020 - March 2021

- Maintained discipline in the school.
- Ensured proper facilities in the school and solved students problems.
- Worked as bridge between students and teachers.

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## SKILLS

- Core Skills** : Process Calculations and Thermodynamics, Fluid Mechanics and Mechanical Operations, Heat Transfer and Mass Transfer, Chemical Reaction Engineering, Transport Phenomena, Statistics, Engineering Mathematics.
- Programming Languages** : Python, C , C++
- Tools** : Power BI, MS Office, Matlab
- Soft Skills** : Leadership, Teamwork, Adaptability, Good Communication, Empathy
- Interpersonal Skills** : Problem-Solving, Critical Thinking, Time Management

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## CERTIFICATES

BS In Data Science and Applications ( Foundational Level ) | IIT Madras, Tamil Nadu CGPA - 7.6  
( Jan 2023 - Dec 2023 )

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## ACHIEVEMENTS

- Secured 7<sup>th</sup> Position at State Level in Hindustan Olympiad (Class VIII).
- Winner at Technology Innovation Event at E-Baja 2025.
- Secured 1<sup>st</sup> Position in Debate Competition in Class X.