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EDUCATION

National Institute of Technology Delhi — New Delhi, Delhi <i>Bachelor of Technology in Mechanical Engineering with Minor in AI & ML</i>	Graduating 2026 CGPA: 7.08/10
Sarvodaya Bal Vidhyalaya, A-Block, Vikas Puri — New Delhi, Delhi <i>Secondary Education</i>	Completed 2021 Percentage: 88%
Sarvodaya Bal Vidhyalaya, A-Block, Vikas Puri — New Delhi, Delhi <i>Senior Secondary Education</i>	Completed 2019 Percentage: 94%

PROJECTS

AcadBud - Academic Productivity Manager | MERN Stack |

- Developed a full-stack web app for managing tasks, deadlines, and notes efficiently.
- Implemented task categorization, deadlines, and progress tracking to boost productivity.
- Built responsive UI in React.js and integrated REST APIs for smooth client-server communication.
- Used MongoDB for scalable storage and Node.js + Express.js for backend logic and authentication.

Market Mood - Stock Sentiment Analyzer | Python, pandas, TensorFlow, NLTK, Scikit-learn

- Built an NLP-powered analyzer processing 10,000+ financial headlines to predict market sentiment.
- Enhanced preprocessing with tokenization and stopword removal, improving model efficiency by 30%.
- Trained sentiment models with TensorFlow, NLTK, and Gensim, reducing training time by 20%.
- Created visualizations (WordClouds) to highlight sentiment-driving keywords.

SKILLS

Programming Languages: C, C++ (DSA), Python, JavaScript, HTML, CSS, SQL, MongoDB

AI/ML: Machine Learning (Classification, Regression, Clustering), Neural Networks (basic), Data Preprocessing, Model Evaluation

Tools & Platforms: Git/GitHub, MySQL, VSCode, Jupyter Notebook, Google Colab

Productivity: MS Office (Word, Excel, PowerPoint), Canva, Figma, Adobe Photoshop

Soft Skills: Team collaboration, time management, adaptability

EXPERIENCE

Assistant Engineer Intern | Bansal Engineers Pvt. Ltd.

May 2025 – June 2025

- Assisted in analyzing and improving mechanical systems and workflows within grain milling machinery.
- Conducted data collection, testing, and performance evaluation of components to ensure efficiency and reliability.
- Collaborated with senior engineers on process optimization projects using structured problem-solving methods.

Summer Intern | CollegeTips.in

June 2025 – July 2025

- Designed and created engaging digital content (articles, posts, campaigns) to simplify learning for students.
- Researched, structured, and presented technical and non-technical topics in a clear, user-friendly manner.
- Improved collaboration and creativity skills while working with a cross-functional team.
- Leveraged tools (MS Office, Canva, basic analytics) to enhance content effectiveness and outreach.

ACTIVITIES & ACHIEVEMENTS

- Solved 200+ DSA problems across platforms.
- Best chess player (single board) in Inter NIT competition and college tournament.
- Cleared till POC round in TIFAN 2025 competition by SAE INDIA.
- Co-organized *Zeal Sports Fest*, managing 10+ sports for 500+ participants.

COURSEWORK

OOPS, Data Structures & Algorithms, DBMS, Operating Systems, Computer Architecture & Organization, Artificial Intelligence, Machine Learning, Software Engineering, Deep Learning.