



ARPAN NARULA

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EDUCATION

Degree/Examination	Year	Institution
Bachelor's Degree in CSE	2022 – 2026	Netaji Subhas University of Technology
Higher Secondary Education (Class XII)	2020 – 2022	Shaheed Rajpal DAV Public School
Secondary Education (Class X)	2018 – 2020	Shaheed Rajpal DAV Public School

TECHNICAL SKILLS

Languages: C, C++, Python

Web: HTML, CSS, Node.js, React.js, Bootstrap

Tools: Git, GitHub, SQL

Concepts: DSA, OOPS, DBMS

RELEVANT COURSEWORK

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Web Technology
- Database Management Systems

INTERNSHIPS

Web Developer Intern (Certificate)

May 2025 – July 2025

Innate Infotech

- Developed a unified web platform integrating multiple services into a single webpage.
- Built the application using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Designed RESTful APIs with Express.js running on Node.js.
- Implemented the frontend with React.js for a responsive UI experience.

ACADEMIC PROJECTS

JudicialEase – Smart India Hackathon Semi-Finalist

Aug 2024

- Led frontend development for an AI-driven legal document analysis platform, reducing case review time by 40%.
- Built a document upload + unified search system retrieving top 10 relevant legal article links.
- Integrated automated summarization workflows to extract key case insights from lengthy PDFs.
- Designed responsive UI components with React.js to ensure smooth usage across devices.
- Coordinated a 5-member team using Agile methodologies, delivering the MVP within hackathon deadlines.

UnstockAI – GenAI-Powered Inventory Dashboard

July 2025

- Visualized stock movement, deadstock trends, and SKU performance across 30+ products using interactive dashboards.
- Implemented demand forecasting and restock alerts to help sellers optimize inventory decisions.
- Integrated Gemini 2.0 API to auto-generate personalized product insights via a GenAI-powered assistant.
- Built backend services with Node.js and MongoDB for scalable inventory and query management.
- Selected among the top 50 teams out of 33,000+ participants nationwide.

IMDB Movie Review Sentiment Analysis – NLP Deployment

Jan 2026

- Built a sentiment classification pipeline on 50k+ IMDB reviews using TensorFlow/Keras, achieving 92% accuracy.
- Improved preprocessing (tokenization, padding, cleaning), boosting performance by 12% over baseline models.
- Developed a real-time Gradio interface for instant sentiment prediction with confidence visualization.
- Deployed the application on Hugging Face Spaces with <200ms inference latency and 50+ unique users in the first month.
- Designed the project for scalability and reproducibility with modular training + deployment workflow.

CERTIFICATIONS & ACHIEVEMENTS

- Finalist at TOYCATHON 2021 (Ministry of Education, GoI), selected among top 200 teams nationwide.
- 1st Position – Stock Showdown (Convoke 7.0), Cluster Innovation Centre, University of Delhi.
- Machine Learning Pipeline Certificate

POSITIONS OF RESPONSIBILITY

Mentor | Desh ke Mentor Program (Government of India)

2022 – 2023

- Mentored 200+ students on academics, careers, and professional growth.
- Conducted 25+ mentoring sessions on skill development and goal setting.

Core Team Member | DevComm NSUT

- Organized 4+ coding events and hackathons, engaging 200+ students.