Sneha Vats

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EDUCATION

Course	College / University	Year	CGPA / %
B.Tech (ECE - IoT)	Netaji Subhas University of Technology	2022 - Present	7.75
Board (Class XII)	Hamdard Public School	2022	97.2

PROJECTS

- **Ecommerce Designers' Contest Platform**
  - Tech Stack: React, Tailwind CSS, NodeJS, Express, RestAPI, HTML5 Video API
  - Created a dynamic platform showcasing designer model walks via video, enabling real-time user voting. Achieved a **30% increase** in user engagement by integrating a secure voting mechanism and seamless video upload/playback features.

- **URL Shortener**
  - Tech Stack: React, Express, NodeJS, MongoDB, RestAPI
  - It transforms lengthy links into concise, shareable URLs, integrating custom slugs, link expiration, and privacy controls. Enhanced usability with an analytics dashboard tracking clicks and referral sources, **improving decision-making for users by 25%**.

- **Digital Forensics Platform**
  - Tech Stack: React, Tailwind CSS, NodeJS, Express, Python, MongoDB, IPFS, HTML5
  - Developed a platform streamlining case management for **16+ active users**, with AI-powered evidence analysis and task tracking.
  - **Reduced case resolution time by 20%**.

- **ConnectON**
  - Tech Stack: React, NodeJS, Socket.IO, Express, MongoDB
  - Developed a **scalable real-time chatroom application** enabling users to connect live, join rooms, chat privately or in groups, and become permanent members, fostering inclusivity and addressing loneliness in today's generation.

POSITIONS OF RESPONSIBILITY

- Director of Operations | Crosslinks (PR Society of NSUT)   **March 2024 - Present**
  - Led a team of **45+ members** to organize events including NSUTThon, Ethnic Day, Moksha, Alumni Meet & many more, along with creating the Yearbook for each batch.
  - Strategized social media presence, resulting in a **200% increase** in Instagram followers, and significant increase on linkedIn and Quora.

ACTIVITIES AND ACHIEVEMENTS

- **Smart India Hackathon 2024** finalist
- Top **0.01% teams** in Myntra HackerRamp: WeForShe 2024 from 30,000+ teams.
- **Gold Medalist** in Brilliant Zone Mathematics Olympiad.
- **Silver Medalist** in the Zonal Debate Competition (South Delhi Zone).

TECHNOLOGIES

- **Languages:** C++, C, JavaScript, Python, SQL
- **Web Development:** JavaScript, HTML, CSS, ReactJS, Figma, NodeJS, RestAPI, ExpressJS
- **Database Management:** MySQL, MongoDB, CSV
- **Computer Science:** Data Structures, Algorithms, OOPs, OS, Cloud Computing
- **Problem Solving:** Analytical thinking, algorithm design, and implementation