



# IFRA SHADAB

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## EDUCATION

B.Tech (Electrical Engineering)	2023-2027	Netaji Subhash University of Technology (NSUT)	CGPA 7.83
CBSE (Class XII)	2022	Balvantray Mehta Vidya Bhawan (A.S.M.A.)	89%
CBSE (Class X)	2020	Balvantray Mehta Vidya Bhawan (A.S.M.A.)	91%

## ACADEMIC ACHIEVEMENTS AND SKILLS

- **HACKATHON:** Top 50 out of 700+ teams at CodeX 2.0 Hackathon by Hackingly. Selected for the offline pitching round and presented idea to investors. [\(Certificate\)](#)
- **Cisco Networking Academy Certification:** Introduction to Cybersecurity (May 2025). Gained foundational knowledge in online threats, security principles, cryptography, and cyber defense. Issued via Cisco + Credly badge [\(Certificate\)](#)
- **She Codes Scholarship:** Selected among highly competitive applicants based on academic performance, coding proficiency, and community involvement. [\(Profile\)](#)
- Demonstrated strong coding skills with **400+ problems solved on LeetCode, GFG, Codeforces** across data structures and algorithms. [\(Profile\)](#)
- **NPTEL Certification in Innovation, Business, and Entrepreneurship:** Gained insights into market dynamics, start-up ecosystem, and business model innovation. [\(Certificate\)](#)
- **NPTEL Certification in Design Thinking:** Achieved 80 percentile, showcasing proficiency in user-centred innovation, problem-solving frameworks, and creative ideation techniques. [\(Certificate\)](#)

## POSITION OF RESPONSIBILITY

- NSS Volunteer, NSUT: Assisted at polling booths, attended seminars (e.g., Project Life – IIT Delhi), and conducted career sessions in the government schools. [\(Certificate\)](#)
- Women Security Team, Moksha Fest (2025)- Ensured event safety, supported emergency response and coordinated crowd control.

## INTERNSHIP EXPERIENCE & PROJECTS

- **SAFETRAIL** [\(DEPLOY\)](#) **SEPT, 2025**  
Built an application with an AI chatbot, danger zone alerts, and lost & found system to enhance safety and convenience for tourists in Northeast India [\(Github\)](#)
- **SAHARA – Emergency SOS Application:** **AUG, 2025**  
Built a real-time community-driven SOS app (React, Firebase) with AI medical chatbot (Python, NLP), reducing average response time by 40%. Integrated secure coding practices & REST APIs for real-time alerts and volunteer matching. [\(Github\)](#)
- **Portfolio Website:** **JUNE, 2025**  
Created a personal portfolio (HTML, CSS, JS) to showcase projects and skills. Deployed on GitHub Pages with version control [\(Portfolio\)](#).
- **Encryptix (4-week Internship):** **AUG, 2024**  
Completed 5 C++ projects, gaining hands-on experience in problem-solving, debugging, and development. [\(Certificate\)](#)

## SKILLS

- **Programming:** C, C++, Python, MATLAB, HTML, CSS, JavaScript, OOPs, Multithreading
- **Networking:** TCP/IP, Routing, Switching, Subnetting, LAN/WAN, OSI Model, Software Defined Networking
- **Cybersecurity:** Threat Modeling, Cryptography, Secure Coding, Incident Response.
- **Core EE:** Analog & Digital Circuits, Electrical Machines, Power Electronics
- **Tools & Platforms:** Git, GitHub, REST APIs, Agile/Scrum, Cloud Computing (Basics), Docker (Familiar)

## EXTRA-CURRICULAR ACTIVITIES

- Basket Ball: School Level; Participated in interschool competitions and won prizes
- Represented the Electrical girls' team in the Winter Sports Interbranch Tournament at NSUT.