

# HARSH HUDDA

## ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Electronic Engineering IIT (BHU), Varanasi	8.29	2027
CBSE (XII)	Royal Public Senior Secondary School	96.80	2022
BSEH (X)	Atul Memorial High School	90.60	2020

## SKILLS

- **Languages:** C/C++, JavaScript (ES6+), HTML5, CSS3
- **Libraries & Frameworks:** React.js, Node.js, Express.js, Tailwind CSS, Bootstrap, Socket.io
- **Database & Tools:** MongoDB, Mongoose, Git, GitHub, Postman, Cloudinary, JWT, REST APIs
- **Areas of Interest:** Full-Stack Web Development, AI/ML Integration, System Design, Competitive Programming

## PROJECTS

### Real-Time Chat App

March 2025 - May 2025

- Engineered a real-time chat platform using **MERN Stack** and **Socket.io**, supporting 1:1 messaging with JWT-based authentication.
- Enabled seamless media sharing through **Cloudinary**; improved image upload success rate to 100% via pre-validation.
- Used **Zustand** for managing 3+ global states including user sessions, chat lists, and socket events.
- **Exposure:** WebSockets, JWT, REST APIs, Zustand, Cloudinary, CI/CD, Tailwind CSS, DaisyUI, Render [Live Demo](#)

### BuySmart – AI-enhanced E-commerce Platform

March 2025 - May 2025

- Built a scalable e-commerce platform with **CRUD features**, secure user flows, and admin management using **MERN Stack**.
- Integrated **OpenAI API** to generate dynamic product suggestions, improving product discovery experience by ~30%.
- Designed responsive UI with **DaisyUI**, and implemented protected routing via **React Router**.
- **Exposure:** OpenAI API, JWT, MongoDB Atlas, React Router, CRUD Ops [Live Demo](#)

### Portfolio Website

June 2025

- Designed and deployed a personal portfolio in **React.js**, highlighting 3+ projects and coding profiles.
- Enhanced UI/UX with **Framer Motion** animations and responsive design using **Tailwind CSS**.
- Used GitHub Actions to automate deployment and ensure 100% uptime via **Render**.
- **Exposure:** React.js, Tailwind CSS, DaisyUI, Framer Motion, GitHub, Render [Live Demo](#)

## POSITION OF RESPONSIBILITY

### Volunteer Educator – India Vision Foundation

June 2023 - July 2023

- Taught basic mathematics to 15+ underserved elementary students as part of the **Prison Program Initiative**, founded by **Dr. Kiran Bedi**.
- Conducted 20+ interactive sessions focused on foundational arithmetic and problem-solving.
- Collaborated with a team of 5 to develop worksheets tailored to different learning levels.
- Awarded a **Certificate of Appreciation** for dedication, passion for teaching, and lasting impact on young learners.

## HONOURS AND ACHIEVEMENTS

- Ranked 1st out of 200+ participants in ENTRIVIA, flagship quiz at E-Summit '25, IIT BHU.
- Awarded the Reliance Foundation Undergraduate Scholarship (top 5% nationally) for academic and leadership excellence.
- Achieved max rating of 1529 on Codeforces; solved 550+ DSA problems across Codeforces and LeetCode.
- Ranked 184/36,000+ in Codeforces Round #1017 and 391/37,000+ in Round #981.

## EXTRA-CURRICULAR ACTIVITIES

- Participated in the NationBuilding Case Study Challenge (2024) conducted via Unstop, engaging with real-world public policy problems at a national level.
- Solved 6+ timed challenges during **CTF organized by COPS, IIT BHU**, applying encryption, reverse engineering & network analysis.

**T:** 8860255332 **E:** harshu886025@gmail.com **Address:** 278, Jal Vihar Colony, Sector 46, near SBI ATM, Gurgaon, Haryana, 122001