

Shivanshu Verma

shivanshuv2005@gmail.com | (+91) 9369613907 | GitHub | LinkedIn

Education

Indian Institute of Technology Patna

Aug 2024 – Present

B.Tech, Chemical Engineering

Grade: 8.26

Green Field Academy

Percentage: 91.2

Class XII (2023–24)

Pt. DeenDayal U. S. V. M. Inter College

Percentage: 94.2

Class X (2021–22)

Technical Skills

Programming & Algorithms: C, C++, Java (basics), Python (basics), Data Structures & Algorithms

Web & Frameworks: JavaScript, React, Next.js, HTML5, CSS3, Tailwind, TypeScript

Databases & Backend: MongoDB, Express.js, Node.js

Tools: Git, Github, Canva, Postman(basics), VS Code, Chrome DevTools (basics)

Projects

CHESSx — Chemical Engineering Students Society Website — IIT Patna

Tech stack: *Next.js, Express.js, MongoDB, Tailwind CSS, GSAP, Joi, Axios, CORS*

GitHub: github.com/Shivanshu08Verma/CHESSx1 | Live: chessx.iitp.ac.in

Key Features: Implemented Role-Based Access Control (RBAC) for admin management (user roles, ban/unban, form status toggle), a secure Hoodie Order Platform, and an Event Showcase with photo galleries.

Backend Focus: Developed Express.js/Node.js APIs and MongoDB schemas with strong data validation using Joi.

Experience

Sub-Coordinator of CHESSx (Chemical Engineering Students Society) — IIT Patna July 2025 – Present

- Designed and implemented a full-stack club website using **Next.js, React, Tailwind CSS, JavaScript** (Frontend) and **Express.js/MongoDB** (Backend).
- Developed a robust backend architecture focusing on API design, secure data validation using **Joi**, and implementing **Role-Based Access Control (RBAC)**.

Achievements

- Active on **Codeforces** with a maximum rating of **1355 (Pupil)**; maintained a continuous competitive programming streak of **75 days**.
- Secured **97.7 percentile** in JEE Main, placing among the **top 2.3%** of over 1.2 million candidates nationwide.
- Qualified JEE Advanced**, the highly selective entrance examination for admission to the Indian Institutes of Technology (IITs).