

Shivanshu Verma

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EDUCATION

Indian Institute of Technology Patna Aug 2024 – Present Grade: 8.28	B.Tech, Chemical Engineering
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 Databases & Backend: MongoDB, Express.js, Node.js Tools: Git, VS Code, Chrome DevTools(basics)	Web & Frameworks: JavaScript, React, HTML5, CSS3, Tailwind
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PROJECTS

Project 1 — [CHESSx - Chemical Engineering Students Society Website — IIT Patna] <i>[Tech stack: React, Express.js, MongoDB, Tailwind CSS, GSAP, Joi, Axios, CORS]</i> 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: Primarily focused on developing the Express.js/Node.js backend and MongoDB schema design, which included setting up API endpoints and ensuring data validation using Joi.

EXPERIENCE

Sub-Coordinator of CHESSx (Chemical Engineering Students Society) — IIT Patna July 2025 – Present <ul style="list-style-type: none">Designed/Implemented a full-stack club website using React (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).
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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).