Himanshu Verma

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B.Tech
Chemical Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Indore	6.19 (Current)	2023-Present
Senior Secondary	RBSE	80.6%	2022
Secondary	RBSE	85.17%	2020

PROJECTS

Lakshya Fest Portal Live Demo   *Jan 2025 – Feb 2025*
Team Project   GitHub
- Developed a responsive website using React.js to display event updates, results, and detailed information about games, including entry fees and schedules.
- Integrated real-time content updates and dynamic routing to provide users with seamless access to fest-related announcements and results.
- Collaborated with the organizing team to ensure accurate event representation, intuitive navigation, and cross-device compatibility.

CISKS – Institute Website Live Demo   *Feb 2025 – April 2025*
Under Dr. Ganti S. Murthy   GitHub
- Built a full-stack MERN website for IIT Indore's CISKS department to digitize book issuance, returns, and inventory tracking.
- Integrated OTP-based authentication with user login, registration, and password reset, along with automated due-date email reminders.
- Designed an admin panel for managing users, announcements, and faculty resources; enabled category-wise book search and e-book access.
- Improved efficiency by eliminating manual record-keeping and enabling users to view announcements, teacher profiles, and faculty projects online.

Train Live Location and PNR Status Tracker   *June 2025 – Ongoing*
Self Project   GitHub
- Building a full-stack web app using React, Node.js, and Express.js with RapidAPI integration to fetch real-time train location and PNR status data from Indian Railways.
- Designing a responsive frontend in React with modular components for dynamic search, live status display, and real-time updates using state management.
- Delivering live train updates through a user-friendly interface, reducing reliance on external tracking platforms.

TECHNICAL SKILLS

- **Programming language** : C++, HTML, CSS, Javascript
- **Analytics tools** : Jupyter notebook
- **Database** : Mongodb   ** Elementary proficiency*
- **Frameworks**: React, Bootstrap, Nodejs, Expressjs, Github

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Basic Calculus, diffrential equations,numerical methods
- **Human Science**: Environmental Studies: Social Aspects, Fundamentals of Economics, History and Folk Art Culture

POSITIONS OF RESPONSIBILITY

- **Member**, Lakshya 3.0 web development team, IIT Indore   *Feb 2025 - Mar 2025*

ACHIEVEMENTS

- Secured 1st Rank in Secondary Class, demonstrating exceptional academic performance and dedication   2020

- Guided students in Chemistry for JEE preparation, strengthening their conceptual clarity.   2023