# **Sumit Rai**

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## **Experience**

## **Subject Matter Expert – Computer Science, Chegg India (Remote)**

- Solved 500+ student gueries across **DSA**, **OS**, **DBMS**, **CN**, and **OOP** with a 90%+ accuracy rate.
- Reinforced core computer science principles through detailed problem explanations.

## Web Design Intern – Buck Softech Pvt Ltd (Sep 2022 – Oct 2022)

- Developed responsive, user-friendly websites using HTML, CSS, and JavaScript.
- Collaborated with cross-functional teams to ensure delivery aligned with user expectations.

## **Education**

Course/Degree School/University Grade/score Year

Course/Degree	School/University	Grade/score	rear
Master Of Computer Application	Banaras Hindu University	8.40 CGPA	2024-26
Bachelor's of Science in Computer Application	Ranchi University	8.73 CGPA	2020-23

#### Skills

- **Programming:** C, C++, Java, JavaScript
- Web & Frameworks: React.js, Node.js, Express.js, Bootstrap, Vite
- Core CS Concepts: Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks
- Tools: Git, GitHub, VS Code, Canva
- Databases: MongoDB, MySQL

## **Projects**

## VoltX - EV Charging Web App (Jun 2025 - Present) - Live Demo

Personal Project | MERN Stack

- Engineered a scalable web app to locate and access EV charging stations using geolocation APIs and Leaflet.js.
- Integrated secure user authentication with **JWT** and **MongoDB Atlas**.
- Developed responsive UI using **React.js**, **custom CSS**, and **Vite**.
- Applied RESTful API design and backend logic via Express.js and Node.js

## Smart India Hackathon (SIH) 2024 - Al-Based Parcel Delivery System for India Post

Finalist | MERN Stack | Team Project - Github Repository

- Collaborated with a 6-member team to design a smart logistics solution using Al-driven decision flows.
- Designed a responsive **UI** prioritizing mobile **usability** and **performance**.
- Applied system thinking to improve parcel delivery route efficiency.

#### **Achievements & Awards**

- SIH 2024 Finalist Selected among 86,000+ teams nationwide for Al-based India Post project.
- Silver Medal Chess, Annual Games & Sports Meet 2025, Banaras Hindu University