

# ASHUTOSH GAURAV

☎ +91 8303361090 | 📁 Portfolio | ✉ Email | 🔗 LinkedIn | 🐙 Github

## EDUCATION

**Indian Institute of Information Technology, Ranchi**

2022 – 2026

*BTech (Electronics and Communication Engineering)*

CGPA: 7.31

**Lucknow Public School**

2020 – 2021

*Intermediate*

Percentage: 87%

## WORK EXPERIENCE

**Lightning Technologies** 📄

Jan 2025 – March 2025

*SDE Intern - Frontend*

*Remote*

- **React , Typescript, Redux.js, AG Grid, Node.js, Jira, Git, Github, API Integration**
- Contributed on second version of their **flagship product, MarketMind**, a scalable and cloud-based ERP solution.
- Developed interactive data grids with AG Grid, enhancing **data visualization** and user insights.
- Created 12 reusable components, **reducing** development time by **40%** and improving maintainability.
- Implemented Redux **state management** with type-safe slices for efficient data flow and **centralized control**.
- Built a **RESTful API** with **Node.js** and **Express.js** for vehicle data, supporting smooth frontend integration.

## PROJECTS

**MedicalRx (Revolutionizing prescriptions with AI-driven insights and care)**



- **Tech Stack: Next.js, Typescript, Gemini API, Clerk, Redis, React-DnD, MongoDB, React-Leaflet**
- Developed an AI medical platform enabling **symptom-based diagnosis** with probability and AI prescriptions.
- Implemented **secure authentication** and user access control using Clerk.
- Integrated **OpenStreetMap** via React-Leaflet to **locate nearby pharmacies**, clinics, and hospitals with facilities.
- Built a **AI-powered voice chatbot** using the **Web Speech API** for interactive and accessible consultations.
- Created a **Kanban board** (React DnD) to visually **track** patient recovery **stages** and treatment progress.
- Handled **API rate limiting** with **Upstash Redis**, ensuring stability during **high traffic**.

**CrestKeys (Connecting Homes and People)**



- **Tech Stack: React.js, Typescript, MongoDB, Node.js, Express.js, Cloudinary, JWT, Framer-Motion, React-Leaflet**
- Built a full-stack **real estate platform** with **JWT authentication**, allowing optional login for secure property posting.
- Enabled **dynamic filtering** and public browsing of Buy, Rent, and Vacation listings without requiring login.
- Integrated React Leaflet for **map-based property visualization** and Cloudinary for image uploads.
- Designed a secure, **scalable backend** using MongoDB and **DOMPurify** to manage data and **sanitize content**.

**Shop-Bizz (E-Commerce)**



- **Tech Stack: MongoDB, Express.js, React.js, Node.js, Multer, Cloudinary, Stripe, JWT.**
- Developed a responsive UI with MongoDB integration, enhancing user experience and accessibility across devices.
- Built a **scalable backend** using Node.js and Express.js for high availability and efficient response.
- Integrated **Stripe** for **online payments** and added COD support to provide users with flexible payment methods.
- Optimized **state management** with **Context API**, reducing memory usage and boosting performance by **42%**.
- Built a dependable system for **handling image uploads** through Cloudinary, seamlessly integrated into **admin panel**.

## TECHNICAL SKILLS

- **Languages:** C, C++, HTML5 , CSS, JavaScript, TypeScript, SaSS
- **Frameworks:** Next.js , Node.js, Express.js, Vite
- **Libraries:** React.js , Tailwind CSS, Mongoose, Three.js, React-DnD, React-Leaflet, Framer-Motion
- **Tools:** Jira , Slack , Jupyter, Postman, Git, GitHub, Cloudinary , Multer, Ably, Gemini API, Clerk, Vercel, Render
- **Databases:** MongoDB, MySQL

## ACHIEVEMENTS

- **Codechef:** Achieved maximum contest rating of 1457 (**2 Star**).
- **Leetcode:** Achieved maximum contest rating of 1529.
- **Codolio:** Solved 250+ problems across various coding platforms.
- Achieved **Global Rank 799** in **CodeChef Starters 185** contest.