



Sahil Kumar

Roll No.:23245

B.Tech - Electronics and Communication Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Information Technology, Una	6.96 (Current)	2023-Present
Senior Secondary	CBSE Board	80.06%	2022
Secondary	CBSE Board	91.6%	2020

SKILLS

- **Programming Languages:** C, C++, Python, HTML, CSS, JavaScript, SQL
- **Core Skills:** Data Structures and Algorithm, Object Oriented Programming System, Database Management System.
- **Frameworks & Libraries:** React.js, Node.js, Express.js, TailwindCSS, Bootstrap
- **Developer Tools:** Git, GitHub, Docker, VPS Hosting (Hostinger), AWS(Basics), Firebase, MongoDB, Postman
- **Soft Skills:** Leadership, Teamwork, Public Speaking, Event Management, RCA, Communication

PROJECTS

- **LifeFlow - Real-Time Blood Donation Platform** Jan. 2025 - Apr. 2025
MERN, TailwindCSS, Twilio API, MongoDB Geospatial, JWT Github
 - Designed and engineered a **scalable real-time platform** connecting patients and donors through secure, role-based access control.
 - Implemented a **geospatial matching system** using MongoDB queries to identify eligible donors within a 20 km radius, enabling rapid response during emergencies.
 - Automated donor notifications **via Twilio SMS**, improving response time and system reliability.
 - Built resilient backend services with structured error handling, authentication workflows, and reusable APIs.
 - Developed monitoring-ready workflows and dashboards to track requests, donor activity, and system usage patterns.
- **FarmFresh - AgriCommerce Platform** Oct. 2025
MERN, TailwindCSS, Cloudinary, Gemini API, Redux, Recharts GitHub
 - Built a **full-stack agri-commerce marketplace** using **MERN stack**, enabling farmers to directly sell crops to consumers through dual role-based interfaces.
 - Implemented **role-based authentication** for **buyers and sellers** with dynamic dashboards, and real-time data interaction.
 - Integrated **Gemini AI API (CropSense)** to provide crop suggestions.
 - Used **Recharts** to visualize sales and order data, enhancing seller insights via interactive dashboard graphs.

ACHIEVEMENTS

- **Rated as 3 star on Codechef.**
- **Data Structures and Algorithms::** Solved 300+ questions on various coding platforms.
- **Leetcode Achievement::** Achieved global rank of 2200 in leetcode weekly contest 372

POSITIONS OF RESPONSIBILITY

- **Event Coordinator**, EPMOC Club, IIIT Una Oct. 2025 - Present