



Sahil Kumar

Roll No.:23245

B.Tech - Electronics and Communication Engineering

Indian Institute Of Information Technology, Una

+91-8307539844

sahilkumar832832@gmail.com

Github | Website

linkedin.com/in/sahil-kumar-873910293

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