

# ROHIT KUMAR SINGH

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## EDUCATION

<b>Oriental Institute of Science and Technology, Bhopal</b> Computer Science Engineering - Data Science	2022 - Present
<b>S.T.S.V International School, Ara</b> Senior Secondary Education	2019 - 2021

## SKILLS

<b>Programming Languages:</b>	C++, Python
<b>Frontend Technologies:</b>	HTML, CSS, Javascript, React, Tailwind
<b>UI/UX Tools:</b>	Figma
<b>Backend Technologies:</b>	Node.js, Express.js
<b>Libraries and Frameworks:</b>	NumPy, Pandas, Matplotlib, Seaborn
<b>Databases:</b>	MySQL, MongoDB
<b>Tools and Platforms:</b>	Git, GitHub, VS Code, Jupyter Notebook
<b>Core Concepts:</b>	DSA, Object Oriented Programming

## PROJECTS

### Prescripto

- Built a **responsive React.js and Tailwind CSS frontend** for appointment booking, doctor profiles, and slot scheduling.
- Integrated REST APIs** to handle real-time booking updates and notifications, minimizing conflicts in scheduling.
- Optimized performance and UI/UX** by applying reusable components, state management, and mobile-first design, ensuring accessibility across devices.

### MediGuide

- Designed an intuitive web interface** where users can input symptoms and instantly receive disease predictions, medicines, precautions, and exercises.
- Implemented a responsive frontend with real-time form handling**, enabling smooth interaction with backend ML models.
- Enhanced user experience** by presenting predictions and recommendations through a clean, dashboard-style UI accessible on all devices.

### GreenPlus

- Built a modern React.js interface** for users to submit waste collection requests, track recycling, and engage in community initiatives.
- Implemented secure payment flow (RazorPay)** and awareness blogs within the frontend, improving user trust and engagement.
- Delivered a scalable, mobile-responsive UI** with interactive dashboards and community features, boosting participation and sustainability awareness.

## CERTIFICATIONS

- C++ Programming
- MERN Stack Development
- Data Analytics

## ACHIEVEMENTS

- Third Runner-up** CodeQuest Web Development Organised by MLSA Community.
- LeetCode** Solved over 250 problems on platforms like LeetCode.