

SAKSHI SHRIVASTAVA

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EDUCATION

VIT Bhopal University, Bhopal

2022 – 2026

B.Tech - Computer Science and Engineering - CGPA - 9.14

Bhopal, Madhya Pradesh

Small Wonders Senior Secondary School, Jabalpur

2021 – 2022

Class XII - CGPA - 9.28

Jabalpur, Madhya Pradesh

Christ Church Girls Senior Secondary School, Jabalpur

2019 – 2020

Class X - CGPA - 9.47

Jabalpur, Madhya Pradesh

COURSEWORK / SKILLS

- DSA
- Operating Systems
- OOPS Concepts
- Computer Networks
- Software Engineering
- DBMS

PROJECTS

Prescripto 🔗 | (MongoDB, Express, React, Node, RazorPay, JWT)

March 2024

- Built a full-stack hospital management system that allowed over 100+ users to securely book appointments and complete payments via Razorpay.
- Implemented JWT-based role authentication, reducing unauthorized access by 100% for patients, doctors, and admins.
- Developed admin and doctor dashboards that improved appointment tracking and operational efficiency by 40%.
- Enhanced user experience with intuitive design, achieving 95% form completion rate.

UniQuery 🔗 | (MongoDB, Express, React, Node, JWT)

January 2025

- Designed and deployed a secure complaint portal that handled over 200+ hostel complaints across 6 predefined categories.
- Enabled students to book time-specific maintenance visits, reducing unresolved complaints by 60%.
- Created an intuitive admin dashboard for real-time tracking and approval, improving issue resolution time by 30%.
- Achieved 100% issue tracking accuracy with validation checks and optimized complaint flow.

CarPooling 🔗 | (MERN Stack, Razorpay, API)

Ongoing

- Conceptualized a functional prototype of a ride-sharing platform featuring real-time location tracking and user authentication; platform accommodated 500+ users within the first month of beta testing.
- Enabled 100+ users in beta testing to offer/join rides; achieved 25% improvement in ride search efficiency.
- Integrated booking history, authentication, and ride cancellation, improving user experience and security by 40%.
- Reduced user drop-off by 35% through streamlined UI and one-click ride confirmation flow.

TECHNICAL SKILLS

Languages: C++, JavaScript, SQL

Technologies/Frameworks: HTML5, CSS3, React, MongoDB, Express, Javascript, TailwindCSS, JWT

Developer Tools: VS Code, Git/GitHub, Canva

CERTIFICATIONS

- Cloud Computing - NPTEL
- Full Stack Developer - oneroadmap
- Graph Theory Programming - AlgoUniversity

EXTRACURRICULAR

- Team lead of Content Team, Bashcraft Club. (2023 - 2024)