



Virpal Sinh

MERN STACK DEVELOPER

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PROFESSIONAL SUMMARY

MERN Stack Developer passionate about building fast, responsive web applications. Skilled in React, Node.js, Express, and MongoDB, with additional experience in Python, C, Java, and Machine Learning. Seeking to contribute to innovative projects that solve real-world problems and deliver meaningful impact.

FREELANCE WORK EXPERIENCE

- **MediSure (Healthcare Web App):** Built a platform for doctors to manage patients and prescriptions. Implemented core functionality that automatically detects dangerous drug-drug interactions during prescribing, helping reduce medical risks. Added features for patient record management and streamlined doctor workflows.
- **SaathSource (B2B Pharma Platform):** Developed a marketplace connecting verified buyers and sellers of raw pharmaceutical products. Implemented secure authentication, buyer/seller verification, and direct connection features to improve trust and efficiency in pharmaceutical trade.

[Worked in a 2-member team to build both projects (MediSure and SaathSource), handling end-to-end development and deployment]

EDUCATION

Ganpat University 2024 – 2026
MCA* [3-Sem]-9.33cgpa

MLSU-Udaipur 2021-2024
BSC(Mathematics)-65%

TECHNICAL SKILLS

- **Frontend:** React.js, HTML, CSS, JavaScript
- **Backend:** Node.js, Express.js
- **Database:** MongoDB (MongoDB Atlas)
- **Languages:** JavaScript, Python, C, Java
- **Tools:** Git, GitHub, Postman, JWT, REST APIs
- **Machine-Learning:** Python (NumPy, Pandas, scikit-learn), Jupyter Notebook
- **Deployment:** Vercel, Render

PROJECTS

- **AI Viva Portal** - Developed an AI-powered viva examination portal using the MERN stack. Implemented automated question generation and evaluation to help students prepare for viva exams. Designed a clean and responsive web interface for students to practice, receive instant feedback, and track performance.