

Saurav Kumar

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Summary

Detail-oriented Front-End Developer with expertise in JavaScript, React, and modern web technologies. Passionate about creating responsive, user-friendly, and visually appealing web applications. Proven ability to quickly learn new technologies and collaborate effectively with cross-functional teams to deliver high-quality products.

Education

Bachelor of Computer Applications (BCA)

Apr 2023

Manav Rachna International Institute of Research and Studies, Faridabad, India

Projects

- **KnoxGuard** – A web URL security desktop application designed to detect and block malicious links, enhancing user safety online.
- **Valotant** – A React-based interactive front-end application with an advanced and intuitive UI/UX design, demonstrating expertise in modern front-end development.
- **BioConverge** – A specialized biomedical convergence tool for integrating and analyzing bio-data, showcasing the ability to handle complex data visualization.
- **Surkshit Web** – A safety-focused web application that detects distress phrases through voice input and triggers an automated emergency response system.
- **The Librarian Game** – A fun and engaging puzzle/quiz game developed with vanilla JavaScript, highlighting core programming and logic skills.
- **Chrome New Tab** – A custom Chrome browser extension designed to provide an enhanced and personalized new tab experience for users.
- **Ghost in the Pic** – Real-time face swap and video deepfake application with a single click using only a single image.

Experience

IoT Security Head

Aug 2024 – Present

MRISA - Manav Rachna InfoSec Army, Faridabad, Haryana

- Led IoT security initiatives and mentored a team of cybersecurity enthusiasts.
- Organized and conducted cybersecurity workshops and Capture the Flag (CTF) events, engaging over 100 students.
- Promoted awareness of IoT and cyber defense best practices across the university.

Subject Matter Expert

Aug 2024 – Present

DG Sentinels, Faridabad, Haryana

- Delivered seminars, workshops, and hands-on training on cybersecurity topics.
- Developed and presented technical content to a diverse audience, enhancing communication and presentation skills.

Skills

Languages & Frameworks: React, JavaScript, TypeScript, HTML, CSS, C++, Vite

Databases: MySQL, Supabase, MongoDB, Firebase

Data Science Tools: NumPy, Pandas, Plotly, PyTorch, Scikit-learn, SciPy, TensorFlow

Developer Tools: Git, GitHub, Anaconda, Canva, Arduino

Achievements

- Won **Hacksplash 1.0** at Echelon Institute of Technology for the project "KnoxGuard".
- Secured **8th Place** in the CyCog CTF, organized by IEEE MRU & MRU Cyber Squad (2024).
- Ranked **170th out of 800+** participants in the CyberHavoc CTF (2023).
- Delivered cybersecurity seminars at **Manav Rachna International Institute of Research and Studies** and **Delhi Technological University**, promoting awareness on cyber defense and best practices.
- Organized hands-on CTF sessions: **Hack_Crack** (100+ students) and **Enigma CTF** (300+ students).
- Served as core team member for **CyCog CTF**, developing web exploitation challenges for 300+ participants.
- Organized **Cryptic Treasure Hunt**, a cybersecurity-themed treasure hunt engaging 150+ students.
- Worked at startup **Spillmate** as a core member for ML and website development.