# Sagar Jain

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## PROJECTS

**DropDrive - Secure Wipe Automation And Certification Tool**　　　　GitHub Repo　　Live Demo

- Developed a cross-platform secure wiping tool integrating Node.js/Electron UI with native C++ modules to perform NIST, DOD, ATA, NVMe, and Crypto Erase operations on multiple drives, automatically generating tamper-evident JSON/PDF certificates (with QR and 3rd-party CLI verification) for compliance-grade data destruction.

**Skill Trade**　　　　GitHub Repo

- Developed a skill exchange platform with React.js, Node.js, MongoDB, and Vapi API. Added AI mock interviews, quizzes, course-selling, real-time chat, secure authentication, and role-based access control.

**Research Scholar Monitoring System**　　　　GitHub Repo　　Live Demo

- Built a full-stack monitoring system for PHD and research scholars, enabling admins to track attendance, milestone progress, and supervisor reviews. Integrated a machine learning model to predict delays with SHAP-based explanations. Provided scholars with real-time feedback and personalized insights to prevent performance dips. Designed intuitive dashboards for both admin and scholar portals.

## AWARDS

- **CodeVerse, Unite Creatives (2025)** – 1st place in a 24-hour hackathon for building a creative, impactful tech solution.

- **APOCALYPSE 3.0, MAIT (2025)** – Secured 2nd Runner-Up position at the hackathon organized by Tech Vision Alliance.

- **HackWithMAIT (2024)** – Selected among top 10 teams and showcased project at Microsoft Office, Gurugram.

## SKILLS

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|---|---|
| **Programming Languages** | Python, C, C++, Java, TypeScript, JavaScript |
| **Web/App Development** | NEXT.js, Prisma ORM, MySQL, React Native, Node.js, HTML, CSS, JavaScript, React, MongoDB, Express |
| **Libraries & Frameworks** | GSAP, Three.js, Tailwind CSS, Bootstrap, Numpy, Pandas, Matplotlib and Seaborn |
| **Tools & Technologies** | Git, GitHub, Docker, VS Code, OpenCV |
| **Soft Skills** | Leadership, Problem-solving, Collaboration, Communication |

## POSITIONS OF RESPONSIBILITY

**BYTE Society – Technical Member**

- **Byte-Locker:** Developed OpenCV facial recognition scripts for automated attendance logging, improving efficiency by 70%.

- **Bytesite:** Built frontend using Three.js and GSAP for an interactive experience.

- **ERP:** Contributing to development and maintenance of the college ERP system using Next.js, TypeScript and prisma ORM.

## EDUCATION

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|---|---|---|
| 2023 – 2027 | **B.Tech – IT**, Maharaja Agrasen Institute of Technology | (CGPA: 8.8) |
| 2022 | Class XII, Rajkiya Pratibha Vikas Vidyalaya, Nand Nagri – CBSE | (92%) |
| 2021 | Class X, Rajkiya Pratibha Vikas Vidyalaya, Nand Nagri – CBSE | (89%) |