MRITYUNJAY SINGH

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EDUCATION

Vellore Institute of Technology - Bhopal   **Sep 2023 – Present**
B.Tech - Computer Science and Engineering   ***Cumulative GPA: 8.72***   *Bhopal, India*

The Chintels School   **Mar 2022 – May 2023**
Class XII – **93.6%**   *Kanpur, India*

The Chintels School   **Mar 2020 – Apr 2021**
Class X – **98.6%**   *Kanpur, India*

COURSEWORK / SKILLS

- Data Structures and Algorithms (DSA)
- Operating Systems (Processes, Threads)
- Relational & Non-Relational Databases (DBMS, NoSQL)
- Artificial Intelligence (AI Basics)
- Object-Oriented Programming (OOP)
- Full-Stack Web Development

PROJECTS

100 Days 100 Web Projects ↗ | HTML, CSS, JavaScript, ReactJS, NodeJS, TailwindCSS   **Jan 2025**
- Built and deployed 100+ dynamic web applications focused on real-world use cases and responsive design principles.
- Enhanced cross-browser compatibility and front-end performance using modular architecture and SEO best practices.
- Integrated RESTful APIs and leveraged React for reusable component design and state management..

Station Guide ↗ | ReactJS, NodeJS, ExpressJS, MongoDB, TailwindCSS, MapBox   **Jan 2025**
- Designed and developed a scalable station navigation system with real-time location tracking using Mapbox.
- Integrated dynamic APIs for station data and implemented intuitive UI for multi-device access.
- Deployed on Vercel ensuring high availability, responsive design, and seamless user experience.

Interview Creation Portal ↗ | React, JavaScript, SQLite3   **2024**
- Built a full-featured admin dashboard to manage interview scheduling with real-time form validation
- Enabled dynamic update and view functionalities with persistent data storage using SQLite.
- HR efficiency through streamlined interview management UI.

Samvidhan Path ↗ | ReactJS, NodeJS, ExpressJS, MongoDB, TailwindCSS   **2022–2023**
- Created an accessible legal platform with real-time search, filtering, and structured law data using MongoDB.
- Implemented React Context and hooks for effective state management
- Focused on WCAG accessibility standards and responsive layout for broader user engagement.

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript ,
Developer Tools: VS Code, Intellij Idea Ultimate, Vercel, Jupyter Notebook
Technologies/Frameworks: Linux, GitHub, ReactJS, Redux, NextJS, NodeJS, ExpressJS, Git, Mongo,

EXTRACURRICULAR

BlockChain Club ↗   **April 2023 - Ongoing**
Co-Lead, Social Media Team   *Bhopal,India*
- Led event marketing and social initiatives for Blockchain Club, boosting engagement and turnout for high-profile guest sessions.
- Successfully organized a keynote event featuring Vishwa Mohan (Ex-CIO, Physics Wallah.
- Represented the university at SIH'24 Smart India Hackathon, securing 5th place across all internal teams.

HOBBIES & INTERESTS

Sports: Actively involved in cricket, badminton, and table tennis — promoting discipline, strategic thinking, and team collaboration.

Creative Arts: Passionate about photography, videography, and graphic design — skilled in visual storytelling, branding, and digital content creation.