

Samridhi Vibhanshu

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EDUCATION

Vellore Institute of Technology, Vellore

BTech in Computer Science and Engineering, Specialisation in Business Studies

Aug. 2023 – Present

CGPA: 9.79

Delhi Public School, Ranchi, Jharkhand

Class XII, CBSE

Apr, 2023

96.40%

PROJECTS

Lost and Found Web Application | *Next.js, React.js, MongoDB, REST APIs*

Sep. 2024 – Dec. 2024

- Developed a Next.js-based platform using MongoDB, reducing item recovery time by **40%**
- Created an interactive React dashboard with Tailwind CSS, improving user engagement by **30%**
- Integrated CI/CD pipelines to automate deployment and improve development efficiency.

Finance Data Extraction and Processing | *Python, BeautifulSoup, Pandas*

Aug. 2024 – Sep. 2024

- Engineered a Python tool to extract and process **15,000+ financial records** from online sources.
- Automated data retrieval, reducing manual processing time by **70%**
- Implemented robust error handling, ensuring **95% accuracy** in extracted data
- Filtered and merged financial reports, optimizing dataset size by **50%**

Notes Web Application | *Vite, React.js*

May. 2025 – June. 2025

- Built a multi-page notes app with **React.js** and **Vite** supporting **create, update, view**, and delete functionality
- Implemented **dynamic routing**, reusable components, and local storage for persistent, modular functionality
- Deployed on **Vercel** via GitHub integration, automating builds and streamlining deployment
- Implemented robust client-side **form validation** and dynamic error handling using React hooks, enhancing user experience with **real-time feedback**, **conditional rendering**, and fallback UI across responsive views

EXPERIENCE

Full Stack Developer | CSI-VIT

Computer Society of India (CSI), VIT University

Aug. 2024 – Present

Vellore, Tamil Nadu

- Enhanced the Laser Tag website using React.js and Tailwind CSS, handling **1000+ visitors**
- Integrated GitHub data visualization, improving team collaboration efficiency by **40%**

Core Committee Member | CSI-VIT

Computer Society of India (CSI), VIT University

Apr. 2024 – Present

Vellore, Tamil Nadu

- Managed event logistics for **1,000+ participants**, ensuring smooth scheduling.
- Facilitated gameplay operations, reducing wait times by **30%**
- Optimized crowd management, improving participant experience ratings by **25%**

Programme Representative

VIT University

Jul. 2024 – Present

Vellore, Tamil Nadu

- Served as the primary liaison for **200+ students**, addressing academic concerns
- Collected feedback and contributed to curriculum improvements.

CERTIFICATIONS

ORACLE: Oracle Cloud Infrastructure 2025 Certified Generative AI Professional

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Oracle), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Next.js, Tailwind CSS, Express.js

Developer Tools: Git, GitHub, VS Code, Visual Studio, PyCharm

Concepts: REST APIs, Agile, CI/CD, Jira

Cloud & AI: Oracle Cloud Infrastructure, Generative AI, LangChain, RAG