VANSH PRATAP SINGH RANAWAT

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EDUCATION

MIT ADT University, Pune — 2022 – Present
Bachelor of Technology in Computer Science and Engineering — *CGPA:7.54 – (Till 6th Semester)*

St. Anselm Sr. Sec. School, Bhilwara (CBSE) — 2021 – 2022
Class XII - Science (PCM + Computer Science) — *Percentage: 82%*

PROJECTS

Lost and Found Web Application | *MERN Stack (MongoDB, Express.js, React.js, Node.js)* Mar 2025 – May 2025
- Developed a full-stack platform enabling users to post and retrieve lost or found items with authentication and database integration.
- Built secure RESTful APIs with Node.js and Express.js; connected MongoDB Atlas for persistent data storage.
- Designed responsive UI using HTML, CSS, and JavaScript ensuring cross-device compatibility.
- Deployed on Vercel for live hosting and integrated version control via GitHub.
- **Live:** lost-and-found-omega.vercel.app
  GitHub: github.com/mynamevansh/lost-and-found

Tamper-Proof Certificate Verification System | *(Blockchain, React.js, Node.js, IPFS, Solidity)* Sep 2025 – Present
- Created a decentralized web platform for generating and verifying academic/professional certificates on the Ethereum blockchain.
- Implemented smart contracts in **Solidity** to ensure immutability, authenticity, and transparency of stored data.
- Used **IPFS** for decentralized certificate storage and MetaMask for blockchain interaction.
- Focused on trustless verification and fraud prevention with seamless web3 integration.
- **Live:** blockchain-certificate-verification.vercel.app
  GitHub: github.com/mynamevansh/Blockchain-Certificate-Verification-

TECHNICAL SKILLS

Languages: JavaScript (ES6+), HTML5, CSS3, Java, Solidity, JSON
Frameworks & Libraries: React.js, Node.js, Express.js, MongoDB, Web3.js, IPFS
Developer Tools: Git, GitHub, VS Code, Postman, Vercel, Render, MetaMask
Concepts: Full Stack Development, RESTful APIs, Blockchain Development, Smart Contracts, Authentication, Responsive Design

CERTIFICATIONS

Full Stack Web Development – Coding Ninjas

Java Programming – Coding Ninjas

Blockchain Fundamentals – Coursera (2025)

ACHIEVEMENTS

Represented college in inter-department Badminton and Table Tennis tournaments.

Organized and participated in multiple cultural and tech fests, contributing to event management and coordination.

Received appreciation for leadership and teamwork in university-level hackathons and cultural events.

AREAS OF INTEREST

Full Stack Web Development, Blockchain & Smart Contracts, AI Integration, Decentralized Applications (DApps), Open Source Contribution