

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

- Engineered a full-stack platform enabling 100+ users to post and recover lost or found items with secure authentication and database integration.
- Developed and optimized RESTful APIs with Node.js and Express.js, improving data retrieval efficiency by 30%.
- Designed and deployed a responsive UI using HTML, CSS, and JavaScript, enhancing mobile accessibility across 3+ screen sizes.
- Deployed on Vercel with continuous integration via GitHub, reducing deployment time by 40%.
- **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

- Developed a decentralized certificate verification system leveraging Ethereum smart contracts to eliminate document forgery and enhance transparency.
- Implemented Solidity smart contracts and IPFS integration, ensuring 100% data immutability and verifiable authenticity.
- Integrated MetaMask wallet and Web3.js for seamless blockchain interaction, improving verification time from minutes to seconds.
- Collaborated on end-to-end deployment on Vercel, achieving 99.9% uptime and secure decentralized access.
- **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 MIT ADT University in inter-department Badminton and Table Tennis tournaments, securing top 3 positions in both.

Led a 5-member organizing team for university cultural fest, managing 300+ participants and ensuring smooth event execution.

Received “Best Team Player” recognition for contributing to successful university-level hackathon projects.

AREAS OF INTEREST

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