

Manul Tyagi

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EDUCATION

Bachelor of Computer Science and Engineering Vellore Institute of Technology, Bhopal	2022–2026 CGPA: 8.4
Senior Secondary Education Bal Bharati Public School, New Delhi	2021-2022 CGPA: 87%
Secondary Education Bal Bharati Public School, New Delhi	2020-2021 CGPA: 92%

EXPERIENCE

Software Development Intern Inadev India Pvt. Ltd., Noida

- Developed a simple project using HTML, CSS, and JavaScript for frontend design and interactivity.
- Implemented core logic in **Java** and applied **DSA concepts** (arrays, strings, hash structures) for efficient data handling.
- Gained hands-on experience in combining **frontend and backend logic** to build functional applications.

PROJECTS

MindCare Alliance - Mental Health Platform

HTML/CSS, JavaScript

- Built cross-platform website for mental health with helpline services and support programs
- Ensured seamless UI across devices for wider accessibility.

Cryptography and Network Coding – Research Paper

Cryptography, Network Security

- Authored research paper on securing data transmission with AES, RSA, and homomorphic signatures
- Achieved zero error rates under simulated attacks with minimal overhead.
- Team:** 8 members
- Role:** Algorithm implementation

Safe Havens Home Security Systems

IoT, Motion Sensors, Cloud Storage

- Designed motion-sensor security system with cloud-synced camera feeds and alarms
- Enabled remote access to camera recordings via cloud integration
- Team:** 3 members
- Role:** Hardware Developer

TECHNICAL SKILLS

- Languages & Tools:** Java, JavaScript, SQL, HTML, CSS, MS Excel
- Subjects Studied:** Operating Systems, Computer Networks, Object-Oriented Programming
- Soft Skills:** Excellent Communication, Effective speaker, Flexibility, Growth Mindset, Resilience

ACHIEVEMENTS

- BlockDAG Hackathon 2025 (Jul 2025)** - Advanced to Round 2 with ZentryWallet, a decentralized wallet system addressing scalability and privacy.
- eKYC App Design and Pitch for rural areas** - Led the design and pitch of an eKYC dashboard tailored for rural India. Addressed key adoption barriers by prioritizing user friendly workflows, descriptive wireframes and promoting digital awareness, securing stakeholder approval.
- Adobe India Hackathon** - Advanced to Round 2 with Smart PDF Reader implementing AI-driven document processing and intelligent format conversion.

RESPONSIBILITIES

- General Secretary**, iOS Club, VIT Bhopal University
- Core Member**, TechVersity, VIT Bhopal University
- AdVITya (Sports Committee)**, VIT Bhopal University (2023)