

# Aman Kumar

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## EDUCATION

### Vellore Institute of Technology, Bhopal

Sep 2022 – Jun 2026

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.5/10

*Relevant Coursework:* Data Structures & Algorithms, Database Management Systems, Object-Oriented Programming, Operating Systems, Computer Networks, Cloud Computing, Software Engineering

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, JavaScript, SQL

**Frontend Development:** HTML5, CSS3, React.js, Next.js, Tailwind CSS

**Backend Development:** Node.js, Express.js, Spring Boot, RESTful APIs, JWT Authentication

**Database Management:** MongoDB, MySQL, PostgreSQL

**Development Tools:** Git, GitHub, AWS, VS Code, Postman, npm, yarn

## WORK EXPERIENCE

### Full Stack Web Developer Intern

Apr 2025 – Jun 2025

*Cyber Jagrithi and Safety Foundation, Remote*

- Engineered 5+ interactive web modules on cyber safety and legal awareness using MERN stack, serving 1000+ users
- Architected content management system for legal/educational material, reducing content update time by 40%
- Enhanced campaign sites with accessible, responsive UI using Tailwind CSS, improving mobile compatibility by 60%
- Collaborated via RESTful APIs and Git for streamlined integration, accelerating development cycles by 25%

## LEADERSHIP & CO-CURRICULAR

### Technical Lead, Core Team Member

May 2024 – Oct 2024

*Fusion Club, VIT Bhopal*

- Coordinated 3 workshops and 2 hackathons, increasing student participation by 45% and managing logistics for 200+ attendees

## PROJECTS

### VIT ClubHub – Event Management System

2025

*MERN Stack, React Router, Tailwind CSS, JWT, REST API | [Live Demo](#)*

- Engineered dual-portal MERN web application with JWT-based authentication for 500+ students and 20+ club admins
- Integrated protected routing with React Router and implemented RESTful API supporting 15+ club event listings
- Designed mobile-first UI with Tailwind CSS, enabling seamless event updates and reducing admin workload by 30%

### E-commerce Price Tracker & Data Scraper

2024

*TypeScript, Next.js, Tailwind CSS, MongoDB, Puppeteer | [Live Demo](#)*

- Created full-stack application tracking 500+ Amazon/Flipkart products using headless scraping and MongoDB price history
- Implemented responsive UI with Next.js and Tailwind, featuring real-time charting and automated price alerts for users

### Task Manager Web App

2025

*React, Node.js, MongoDB | [Live Demo](#)*

- Constructed full-stack task management system with user authentication, supporting 100+ concurrent users
- Deployed CRUD operations with JWT-protected APIs using Vercel and Render, achieving 99.5% uptime

## ACHIEVEMENTS & AWARDS

- Completed **100 Days of Code Streak** on LeetCode and GeeksforGeeks, solving 200+ data structure and algorithm challenges
- Participated in **Adobe x GFG Hackathon**, contributing to innovative software solutions and collaborative development
- Secured **1st place** (twice) in Mathematics Olympiad (state level) and **3rd place** in Computer Science Olympiad among 500+ participants

## CERTIFICATES

- Web Development Internship Certificate** – Cyber Jagrithi and Safety Foundation (2025) [\[View Certificate\]](#)
- HTML, CSS, and JavaScript for Web Development** – Coursera (Nov 2023) [\[View Certificate\]](#)
- Alpha (DSA with Java)** – Apna College (Nov 2024) [\[View Certificate\]](#)
- Python Programming** – Udemy (Jun 2023) [\[View Certificate\]](#)