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 | GitHub

- 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 | GitHub

- 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 | GitHub

- 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

- **Sparkathon 2025 Hackathon Certificate** – Walmart (2025) [View Certificate]
- **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]