

# Aman Verma

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## EDUCATION

### Vellore Institute of Technology, Bhopal

B.Tech Computer Science and Engineering

September 2021 – Present

CGPA: 8.3/10

### Central Academy

Class XII, CBSE

April 2019 – May 2020

Percentage: 88.6

## COURSEWORK

Object-Oriented Programming, Data Structures & Algorithms, Agile Methodologies, SDLC, Operating System

## EXPERIENCE

### Freelancer | RJ-Snacks, Kanyakumari

November 2024 – Present

- Designing a responsive e-commerce website for RJ Snacks, reducing manual order processing time by 50% and enabling seamless online product browsing and purchase functionality.
- Currently containerizing the e-commerce application using Docker to enhance deployment efficiency by 60% and ensure seamless scalability across environments.

### Frontend Developer | Concepts Libraries, Barabanki

September 2023 – November 2023

- Collaborated in designing the frontend of a book inventory management system for Concepts Library, enabling over 200 users to explore and borrow books for home reading seamlessly.
- Enhanced a filtering feature based on library categories, improving user navigation and increasing book discovery by 30% among active users.

## SELECTED PROJECTS

### HireWise | Nextjs, Postgresql, Clerk, Tailwind CSS, Chadcn, Drizzle, AI integration

May 2024 – June 2024

- Created an AI-powered mock interview platform, designing unique question sets for 15 different job roles based on specific technical stacks and user experience levels to enhance the personalization of practice sessions.
- Added features like text-to-speech, speech-to-text, and answer recording to for practice and detailed, AI-driven feedback.
- Integrated performance analytics, with the app asking 5 key questions during each mock interview and providing insights on strengths, weaknesses, and areas for improvement.
- Live Link**

### Aggregate | React.js, Tailwind, Node.js, Redux, RESTful API

January 2024 – March 2024

- Delivered crop recommendations and soil enhancement strategies based on soil NPK and pH values, improving agricultural decision-making by 30% .
- Aggregated and validated data from 10+ trusted sources, developing structured Node.js files to ensure accurate crop recommendations, boosting farm productivity.
- Live Link**

### RJ&Snacks | MongoDB, Express.js, React.js, Node.js, RESTful API

August 2023 – November 2023

- Developed a web application for an online snacks store, incorporating advanced security protocols and responsiveness to facilitate seamless navigation for over 500 concurrent users during peak shopping hours.
- Improved user experience by implementing advanced filtering and search optimization, reducing product search time by 20%.
- Live Link**

## TECHNICAL SKILLS

**Languages:** C++, Python, JavaScript, HTML/CSS, ReactJS, NodeJS, ExpressJS, SQL

**Tools:** Git/GitHub, VS Code, PyCharm, Postman, Docker, Redis

**Databases:** MongoDB, MYSQL

## CERTIFICATION

Clash of the Sorting Shifus (IIT Bombay)

DSA in C++ (iamneo)

## ACHIEVEMENTS

Captain, Lucknow Under-19 Cricket Team

Engaged deeply with 600+ data structure challenges on LeetCode and GeeksforGeeks