

# Aman Verma

aka.amanverma@gmail.com | linkedin | github | leetcode

## EDUCATION

### VIT Bhopal University

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, DBMS**

## 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.
- Implemented webcam integration and customizable settings for realistic interview environments.
- Integrated performance analytics, with the app asking 5 key questions during each mock interview and providing insights on strengths, weaknesses, and areas for improvement.
- <https://github.com/AmanVerma2202/HireWise>

### 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% .
- Engineered a system tailored for farmers, reducing manual effort by 40% and integrating modern technology into traditional farming.
- Aggregated and validated data from 10+ trusted sources, developing structured Node.js files to ensure accurate crop recommendations, boosting farm productivity.
- <https://github.com/AmanVerma2202/AGGREGATE>

### 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.
- Optimized user navigation and purchase workflows through a robust authentication system, reducing checkout time by 30%.
- Improved user experience by implementing advanced filtering and search optimization, reducing product search time by 20%.
- <https://github.com/AmanVerma2202/RJ-Snacks>

## TECHNICAL SKILLS

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

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

**Databases:** MongoDB, MYSQL

## CERTIFICATION

### Clash of the Sorting Shifus (IIT Bombay)

- Coding Competition by Bodhitree E-Learning Academy and CSERL, with 500+ participants.

### DSA in C++ (iamneo)

- Solved over 100 complex data structure and algorithm problems through targeted practice sessions; improved coding efficiency by developing optimized solutions that reduced runtime complexity for common tasks within projects.

## ACHIEVEMENTS

**Captain, Lucknow Under-19 Cricket Team:** Led the team to numerous victories, showcasing leadership and strategic planning.

**Engaged deeply with 600+ data structure challenges on LeetCode and GeeksforGeeks:** Insights helped identify common pitfalls in solving algorithmic tasks during exams.