Aman Verma

aka.amanverma@gmail.com | linkedin | github | leetcode | Location - Lucknow | 7007751852 | portfolio

EDUCATION

Vellore Institute of Technology, Bhopal   September 2021 – Present
B.Tech Computer Science and Engineering   *CGPA: 8.31/10*

Central Academy   April 2019 – May 2020
Class XII, CBSE   *Percentage: 88.6*

COURSEWORK

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

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
Databases: MongoDB, MYSQL, Redis

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