Nekal Singh

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Profile

Passionate Web Developer and Competitive Programmer with expertise in React, Tailwind CSS, GSAP for frontend development and Node.js, Express.js, Authentication & Authorization for backend. Proficient in MongoDB and SQL for database management. Strong problem-solving skills with 350+ solved problems on LeetCode and a contest rating of 1400+. Skilled in Data Structures and Algorithms using C++, with a focus on writing efficient and optimized code.

Education

Swami Keshvanand Institute of Technology, Management and Gramothan,   November 2022 – May 2026
BTech in Computer Science and Engineering, CGPA: 7.5

Projects

Code Reviewer

- Developed a web application to analyze and optimize code for better performance and best practices.
- Implemented code analysis, performance improvements, and optimization suggestions using modern web technologies.
- Built with React, Node.js, Express.js, and AI, ensuring a seamless user experience.

Chat Website

- Built a full-stack real-time chat application using MongoDB, Express.js, React.js, and Node.js with Tailwind CSS for UI design.
- Implemented Socket.IO for seamless, real-time, bidirectional communication between users.
- Integrated JWT authentication to ensure secure user authentication and authorization.

Gym Website

- Developed a full-stack gym website using MongoDB, Express.js, React.js, and Node.js with GSAP and CSS for smooth animations and modern UI design.
- Designed an engaging and user-friendly interface using Figma, ensuring a seamless user experience.
- Utilized MongoDB for efficient database management, storing user profiles, progress tracking, and subscription details.
- Integrated JWT authentication and authorization for secure user login and access control.

Skills

Programming: C++, JavaScript
Data Structures & Algorithms: Proficient in Trees, Graphs, Dynamic Programming, and other core DSA topics
Frontend: React, Tailwind CSS, GSAP (for animations)
Backend: Node.js, Express.js, Authentication & Authorization
Database: MongoDB, SQL
Tools: Canva, Figma, VSCode, Github, PostMan

Achievements

- Solved 350+ questions on Leetcode
- Overall Rank: 214,635
- Placed in 73.32%
- Leetcode contest rating 1400+
- Take Part in 13+ Contest on Leetcode
- Topic Covered: Array, Stack, String, Two Pointer, Tree, Graph, Linked List, Hash Table etc.
- Leetcode Badges: 200 Days Badge
- Hacker Rank C++ 5 star
- 100+ Problems Solved on different platforms like GFG, Coding NINJA, Hacker Rank