Vinay Yadav

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Summary

Final-year BTech Computer Science student with a strong foundation in Data Structure Algorithms(DSA), SQL, and MERN stack development. Experienced in building full-stack web applications using MongoDB, Express.js, React.js, and Node.js, along with efficient database management using SQL Seeking opportunities to leverage technical skills in a fast-paced and collaborative environment.

Projects

Tic Tac Toe Game | Jan 2023 - Apr 2023

- Developed a fully functional Tic-Tac-Toe web game with interactive gameplay features, supporting 2-player interaction with 3x3 grid UI with 9 interactive cells and over 8 winning condition checks in real-time.
- Achieved <200ms average response time for game actions through optimized event handling and DOM updates.
- Tools Used: HTML, CSS, JavaScript for front-end development and game logic implementation.

Twitter Clone App | Apr 2025 - Present

- Built a full-stack Twitter clone with 10+ core features including user authentication, tweets, likes, and followers.
- Designing a responsive frontend with React.js featuring reusable components, achieving 90 percent code modularity.
- Optimized API response time to <300ms through query optimization and middleware caching.
- Tools Used: React.js for the front end, Node.js, Express for the back end, and MongoDB for database management.

Experience

Web Developer Intern, Unified Mentor – Gurugram, India | Apr 2025 - Present

- Currently developing a full-stack web application using React, Node.js, Express, and MongoDB, implementing features that improved frontend load time by 30 percent and reduced API response time by 40 percent across 5+ interactive routes.
- Designed and implemented 2+ responsive UI components using React, HTML, CSS, and JavaScript, improving user engagement by 25 percent.

Technical Skills

Programming Languages : C, Python, C++, SQL, java;

Technologies : HTML, CSS, Java Script, ReactJs, NodeJs, ExpressJs, SQL;

Database : MySQL;

Areas of Interest : DSA, OOPS, DBMS, System design;

Education

Pranveer Singh Institute of Technology, Computer Science Engineering | Nov 2021 - Jun 2025
- GPA: 6.64

Unique Urmil Academy, Intermediate | Apr 2018 - Mar 2020
- Percentage: 69.6

Achievements

- Solved 350+ questions on LeetCode.

- Solved 350+ questions on GeeksforGeeks.

- Achieved 4 star rating on CodeChef.