CHANDAN SINGH

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Professional Summary

Focused MERN Stack Developer skilled in building responsive, scalable, and user-friendly web applications. Proficient in MongoDB, Express.js, React, and Node.js, with strong expertise in HTML, CSS, and JavaScript. Passionate about delivering clean, maintainable code while ensuring high performance and accessibility across the stack.

Education

B.Tech in Computer Science Engineering, IIIT Dharwad   *2022 – 2026 (Exp)*
Core Subjects: Web Technologies, Software Engineering, Data Structures and Algorithms, DBMS

Technical Skills

Languages: C, C++
Frontend Development: HTML5, CSS3, SASS, JavaScript (ES6+), React.js
Backend Development: Node.js, Express.js
Database: MongoDB
Version Control & Tools: Git, GitHub, Figma, VS Code, Chrome DevTools

Work Experience

Frontend Developer — ML Era (Course Platform Startup)   *July 2025 – September 2025(Expected)*
- Collaborating with the founding team to design and develop a responsive course platform using ReactJS.
- Building core UI components and setting up project architecture for scalability and maintainability.

Projects

E-Book Store Website   *MERN Stack (MongoDB, Express.js, React, Node.js)*
- Developed a full-stack web app for browsing, purchasing, and downloading e-books with Google OAuth authentication.
- Implemented secure CRUD operations for book management and user profiles using MongoDB and Express.
- Designed responsive React frontend with Tailwind CSS for a smooth and intuitive user experience.
- Optimized database queries and API endpoints, reducing average response time by **25%**.

Real-Time Chat Website   *MERN Stack (MongoDB, Express.js, React, Node.js), WebSocket*
- Built a real-time chat application enabling instant messaging using WebSocket protocol.
- Implemented JWT-based authentication, private/group chats, and online/offline user status tracking.
- Stored messages and user data in MongoDB with indexing for faster retrieval.

Personal Portfolio Website ↗   *HTML, CSS, JavaScript, Swiper.js*
- Built a fully responsive portfolio with smooth animations, Swiper.js testimonial slider, and contact form integration.
- Achieved **Lighthouse Performance Score of 98** through image optimization, CSS minification, and lazy loading.
- Designed layout ensuring pixel-perfect rendering across devices and browsers.
- Deployed successfully on **Vercel**, enabling seamless access and easy updates.

Certifications

- **Full Stack Development** — *Udemy* ↗
- **MongoDB Fundamentals** — *SimpliLearn* ↗

Achievements

- Delivered **10+** responsive websites with consistent cross-browser compatibility.
- Contributed to **3+** open-source frontend repositories, enhancing UI and fixing CSS bugs.
- Solved **500+** questions on Leetcode and different coding platforms showing my problem solving ability.

Positions of Responsibility

- **Frontend Developer, College Tech Fest (2024):** Designed and developed the official event website using React, ensuring responsive layouts, accessibility compliance, and smooth performance across devices.
- **Freelance Frontend Developer:** Created and delivered 3+ landing pages for small businesses with modern UI design, optimized load times, and cross-browser compatibility.