Vishal Singh Chauhan

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Summary

Self-taught Full-Stack Developer proficient in the MERN stack. Experience building REST APIs, implementing authentication, and creating responsive interfaces through project work.

Technical Skills

Frontend:	React, Redux Toolkit, HTML5, CSS3, SCSS/Sass, JavaScript ES6+, Tailwind CSS, Material UI
Backend:	Node.js, Express.js, REST APIs, JWT
Databases:	MongoDB, Mongoose, MySQL
Tools:	Git, GitHub, VS Code, Postman, Vercel, Render, Netlify, NPM
Concepts:	MVC, Responsive Design, Authentication, Authorization, CORS

Projects

Fitness Buddy   *Personal Project*   Dec 2025 - Present

- Developed full-stack app with JWT authentication and protected routes
- Improved user productivity 40% with smart workout sorting algorithm
- Increased performance 50% using Material UI pagination for large datasets
- Built backend with MVC architecture, environment variables, and CORS
- Managed state with Context API and useReducer
- Designed responsive UI with modular SCSS structure
- **Tech:** React, Node.js, MongoDB, JWT, SCSS, Context API, Material UI
- Live Demo

Library Management System   *Personal Project*   Nov 2025

- Built CRUD system for books and users with REST APIs using Node.js and Express
- Used MongoDB with Mongoose for data storage and DTOs for request validation
- Created centralized error handling and input validation for stability
- Followed MVC with DTO architecture for scalable code
- Tested all APIs with Postman
- **Tech:** Node.js, Express, MongoDB, Mongoose, REST API, DTO
- GitHub

Experience

India e-Visa Portal   *Freelance*   Oct 2025

- Created responsive visa portal handling 400+ monthly applications
- Boosted mobile conversion 25% with mobile-first SCSS architecture
- Cut code maintenance time 40% with modular folder structure
- Deployed on Netlify with automated CI/CD
- **Tech:** React, SCSS, Responsive Design, Netlify
- Live Site

Unicurr Real Estate   *Freelance*   Mar 2025

- Improved user navigation 50% with smooth scroll and intuitive routing
- Increased listing views 35% using interactive carousels
- Built fully responsive interface with Tailwind CSS
- Set up routing with react-router-dom for SPA navigation
- **Tech:** React, Tailwind CSS, React Router, React Slick, Vercel
- Live Site

Education

BCA (Bachelor of Computer Applications)
Indira Gandhi National Open University (IGNOU), Delhi

Soft Skills

Problem Solving, Analytical Thinking, Quick Learning, Adaptability, Communication, Teamwork, Time Management