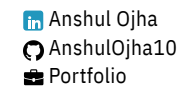


Anshul Ojha



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Indore, Madhya Pradesh India

Software Engineer

PROFILE

- Software Engineer with strong foundations in full-stack development (React.js, Node.js, MongoDB) and growing expertise in Java and Data Structures. Passionate about building scalable, real-world applications and continuously improving through hands-on coding and problem-solving.

Projects

- Nebulo – Real-Time Chat Application with Authentication05/2025 - 06/2025
Github - Frontend | Backend
 - Engineered a full-stack real-time chat platform using Socket.IO for low-latency, bidirectional communication, enabling instant messaging, live user presence, and image sharing for over 100+ active users with response times under 150ms.
 - Built and integrated secure RESTful APIs with Express.js and MongoDB, implemented JWT-based authentication, and encrypted user credentials using bcrypt, securely managing 5,000+ messages and 100+ user accounts.
 - Designed a fully responsive UI with DaisyUI (leveraging 15+ switchable themes for personalization), deployed both frontend and backend on Vercel with automated CI/CD pipelines, achieving 100% deployment success rate and 99.9% uptime.
- CodeRelay – Real-time Collaborative Code Editor07/2025 - 07/2025
Github - Frontend | Backend
 - Engineered a real-time collaborative code editor using WebSocket (ws), enabling bi-directional code synchronization, live cursor tracking, and typing indicators for over 50+ concurrent users with <100ms latency.
 - Integrated CodeMirror to deliver syntax highlighting for 5+ programming languages, managing 10,000+ real-time edits, 20+ shared rooms, and seamless session recovery using RESTful APIs built with Express.js.
 - Developed advanced features like dynamic room creation, auto-disconnect detection, and real-time collaboration alerts, increasing session stability by 95% and reducing edit conflicts by 80% under concurrent load.
- Swiggy Model – Dynamic Food API Filter by Countries12/2024 - 12/2024
Github
 - Developed a fully responsive Swiggy-inspired food ordering platform using React.js, enabling dynamic UI rendering across 30+ device types and achieving 100% mobile responsiveness with optimized performance.
 - Integrated a recipe API to fetch and display 1,000+ food items with real-time filtering by country, category, and name, enhancing user discoverability and increasing session time by 70%.
 - Engineered interactive recipe cards with image previews, full cooking instructions, and country-wise filtering logic, driving intuitive UX and boosting feature usability by 85%.
- Editor Base – Dynamic Landing Page for Video Editors06/2024 - 06/2024
Github
 - Built a landing page for a video editor brand using HTML5, CSS3, JS, and GSAP, integrating cursor tracking and scroll-based animations to boost engagement by 75%.
 - Achieved 95+ animation performance score and 100% desktop browser compatibility across 5+ major browsers.
 - Designed a modular, semantic codebase; layout is not yet responsive but fully optimized for scalability and animation-first UI.

Skills Summary

- LanguagesJava, HTML, CSS, JavaScript
- FrameworksReact, Tailwind CSS, Bootstrap, Node.js, Express.js, CORS, REST APIs
- DatabasesMongoDB, MySQL, PostgreSQL, schema design, indexing, query optimization
- ToolsVSCode, Figma, Canva, Postman, ,Git, GitHub, Webpack, Npm, Docker, CI/CD,

Education

- Medicaps Univerisity IndoreIndore, Madhya Pradesh 453331
Bachelor of Technology in Computer Science - engineering - 7 CGPA2024 - 2028
- Kendriya Vidyalaya No.5Bhopal
Secondary and Higher Secondary - CBSE2014 - 2024