TUSHAR DHINGRA

Gurugram, India

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SKILLS

Frontend: Next.js, React.js, TypeScript, JavaScript(ES6+), HTML5, CSS3, Tanstack Query, Zod, Tailwind CSS, Material UI, Ant Design, Bootstrap
Backend & Database: Python, Node.js, Express.js, RESTful API, MongoDB, , MySQL
Tools & Practices: Git, GitHub, Postman, Taiga, Bitbucket, Chrome DevTools
Cloud & Deployment: Netlify, Microsoft Azure, Docker, AWS, Vercel

EXPERIENCE

Squareboat   April 2025 – Present
Frontend Engineer Intern   *Gurugram*
- Rebuilt the company's internal website—including the landing page and a sub-brand site—with an emphasis on engaging animations, responsive design, and optimized performance
- Redesigned the internal platform UI/UX, focusing on clean design, responsiveness, and usability, resulting in a more intuitive and visually appealing user experience
- Integrated an existing MCP client with a Large Language Model (LLM), enabling AI-powered functionality within a React application

Millennia Ahead Tech   September – December 2024
Frontend Engineer Intern   *Remote*
- Optimized React.js dashboard by implementing code-splitting and lazy loading, reducing initial load time from 10s to 5.5s (45% improvement), enhancing UX
- Developed a modular drag-and-drop dashboard using React DnD and custom hooks, enabling users to customize their workspace with configurable widgets, resulting increase in user engagement
- Improved React app performance by using useMemo and useContext, reducing unnecessary re-renders by 60% (from 100 to 40 per session)
- Designed complex, mobile-first UI components using Ant Design, ensuring 100% responsiveness across devices and improving mobile user satisfaction

PROJECTS

Ticketr | Next.js, TypeScript, Node.js, Convex   March 2025
GitHub 🔗 | Live Demo 🔗
- Engineered a responsive full-stack recipe application using JavaScript, React.js, and Context API, improving page load times by implementation of infinite scroll pagination and image lazy loading
- Architected RESTful API endpoints using Node.js and Express.js, developing a user-friendly recipe creation system with features for ingredients, instructions, cooking time, and image uploads
- Implemented user authentication and social features using JWT tokens and MongoDB aggregation pipelines, resulting increase user interactions through recipe favorites

Recipe Management Platform | React.js, Node.js, Express.js, MongoDB   Feburary 2025
GitHub 🔗 | Live Demo 🔗
- Engineered a responsive full-stack recipe app with infinite scroll pagination and image lazy loading
- Architected RESTful API endpoints using Node.js and Express.js, developing a user-friendly recipe creation system with features for ingredients, instructions, cooking time, and image uploads
- Implemented social features like JWT authentication and favorite recipes for enhanced user engagement.

Hotel Booking System | EJS, Node.js, Express.js, MongoDB   January 2024
GitHub 🔗 | Live Demo 🔗
- Architected a scalable hotel booking platform using Node.js and Express.js, implementing MVC architecture with error handling and request validation middleware
- Developed secure RESTful API endpoints with JWT authentication and bcrypt password hashing
- Integrated user feedback system, allowing authenticated users to rate and review hotels

EDUCATION

SRM University NCR Campus, Sonipat   CGPA-7.6
B.Tech - Computer Science and Engineering   *Haryana*