Om Jaiswal

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TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, C++, Python, HTML/CSS

Frontend: React.js, Next.js, Tailwind CSS, Responsive Design, State Management, API Integration, Redux Toolkit

Backend: Node.js, Express.js, RESTful APIs, JWT Authentication, Data Handling, Socket.io, Bcrypt, CRUD Operations

Cloud & Databases: MongoDB, Mongoose, MySQL, Firebase, PostgreSQL. AWS (EC2, S3), Docker

Development Tools & Technologies: Git, GitHub, Postman, VS Code, Axios, React Router, Figma, Cloudinary, Zustand,

Software Engineering Concepts: Data Structures, Algorithms, Object-Oriented Programming (OOP), Debugging, Testing

EXPERIENCE

Car Wizard Pvt Limited (Vahan Help)   Jan 2025 – Jun 2025

Software Developer Intern   *Noida, U.P*

- Built modular and scalable UI components using React for key RTO services like Challan Check, Car Loans, vehicle verification, and License Info; ensured component reusability and state-driven architecture for dynamic user interactions, while optimizing performance and ensuring seamless user experience across devices.

- Designed fully responsive and consistent UIs with Tailwind CSS, utilizing utility-first principles to build modern layouts with mobile-first responsiveness, seamless dark mode support, and custom caching reduce redundant API calls.

- Integrated Framer Motion for engaging UI animations, including scroll-based speedometer-style effects for traffic offences, smooth page transitions, and interactive hover/tap feedback — enhancing user experience with modern motion design.

PROJECTS

VideoTube [Live] [GitHub]

Tech-Stack: React.js, Tailwind CSS, React Router, State Management, Redux Toolkit, Responsive Design,

- Developed a high-performance video streaming platform using React, replicating core YouTube features like real-time video search, playback via official YouTube APIs, and infinite scroll with polling, debouncing, and custom caching to reduce API calls.

- Implemented infinite scroll using polling and advanced search optimization with debouncing and custom caching to reduce API calls and enhance the user experience significantly, and built n-level nested comments with efficient state management.

- Designed a responsive, light/dark themed interface with Tailwind CSS, ensuring seamless cross-device performance, smooth client-side routing with React Router, and followed modular architecture and fast load times and maintainable code.

ProjectPilot [Live] [GitHub]

Tech-Stack: React.js, Redux Toolkit, Axios, Node.js, Express.js, MongoDB, JWT, bcrypt, Nodemailer, Google OAuth

- Developed a comprehensive project management application using React.js, Node.js/Express.js backend, and MongoDB database, implementing JWT authentication for secure access control, Redux Toolkit for efficient state management, and Integrated drag-and-drop task management and team collaboration features to enhance productivity and user experience.

- Built an intuitive dashboard with drag-and-drop functionality and real-time chat system, responsive design for mobile and desktop, and Google OAuth integration for user authentication and team management capabilities.

- Architected a robust RESTful API with Express.js middleware, implemented MongoDB schemas for projects, teams, tasks, and users, integrated Nodemailer for email notifications, JWT tokens for session management, and CORS configuration for secure cross-origin communication between frontend and backend services

VaaniSetu [Live] [GitHub]

Tech-Stack: React.js, Redux Toolkit, Axios, Node.js, Express.js, MongoDB, JWT, bcrypt, cloudinary, Zustand

- Developed a real-time chat app using React, Socket.io, Node.js, and MongoDB with JWT auth, instant messaging, browser notifications, use IndexedDB enabling offline message access and seamless user experience with auto-sync on reconnection.

- Implemented a robust backend using MongoDB with Mongoose ODM, Cloudinary for file uploads and image sharing, bcryptjs for password hashing, and comprehensive API security with middleware protection.

ACHIEVEMENTS

- CodeChef Contest 4 (Max rating 1900+), with consistent performance in long and cook-off contests.

- Solved 250+ problems of DSA on Leetcode and GeeksforGeeks.

EDUCATION

Bundelkhand Institute of Engineering and Technology, Jhansi   September 2020 – July 2024

B. Tech in Electrical Engineering   *Jhansi, Uttar Pradesh*