

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, UI/UX Principles, State Management

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

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

Development Tools & Technologies: Git, GitHub, Postman, VS Code, Axios, React Router, Redux Toolkit, Figma

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

EXPERIENCE

Car Wizard Pvt Limited (Vahan Help)

January 2025 – May 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.
- Designed Fully Responsive and Consistent UIs with Tailwind CSS, utilizing utility-first principles to build optimized layouts with mobile-first responsiveness and dark mode support.
- Integrated Framer Motion for Engaging Animations, including scroll-based speedometer-style animations for traffic offences, smooth page transitions, and interactive hover/tap effects for a modern and engaging user experience.

PROJECTS

VideoTube [\[Live\]](#) [\[GitHub\]](#)

- Developed a high-performance video streaming platform using React, replicating core YouTube features with real-time video search and playback using official YouTube APIs.
- Implemented infinite scroll using polling and advanced search optimization with debouncing and custom caching to reduce API calls and enhance the user experience significantly.
- Built scalable n-level nested comment threads with efficient state management, and followed modular architecture and performance best practices for fast load times and maintainable code.
- Designed a responsive, light/dark themed interface with TailwindCSS, ensuring seamless performance across devices and smooth client-side routing with React Router.

CertiSure [\[Live\]](#) [\[GitHub\]](#)

- Developed a platform for certificate generation, reducing manual intervention with enhanced accuracy.
- Enhanced user experience by designing a fully mobile-responsive interface for smooth performance across all screen sizes, while implementing Progressive Web App (PWA) features for faster load times and improved reliability.
- Integrated Stripe for secure and seamless payment processing, streamlining transaction flow for users.

Music Academy [\[Live\]](#)

- Developed a SaaS platform for certificate generation, reducing manual intervention with enhanced accuracy.
- Enhanced user experience by designing a fully mobile-responsive interface for smooth performance across all screen sizes, while implementing Progressive Web App (PWA) features for faster load times and improved reliability.
- Integrated Stripe for secure and seamless payment processing, streamlining transaction flow for users.

ACHIEVEMENTS

- Won the prestigious Smart India Hackathon by developing innovative solutions and demonstrating exceptional problem-solving skills, teamwork and technical proficiency under time constraints.
- Grasped AIR 125 in Shaastra Programming Event at IIT Madras, an ICPC-style team competition.

EDUCATION

Bundelkhand Institute of Engineering and Technology, Jhansi

B. Tech in Electrical Engineering

September 2020 – July 2024

Jhansi, Uttar Pradesh