

Sandhya Kumari

Frontend Developer

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CV 22bdo10074

Professional Summary

Creative and detail-oriented **Frontend Developer** with expertise in building responsive, user-centric web applications using **React.js**, **JavaScript (ES6+)**, and **HTML5/CSS3**. Passionate about translating UI/UX designs into seamless digital experiences with clean, maintainable code. Skilled in **state management**, **API integration**, and optimizing web performance. Eager to collaborate with design and backend teams to deliver high-quality, scalable frontend solutions.

Technical Skills

Frontend Core	React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, TypeScript
Styling & UI	Tailwind CSS, SCSS/SASS, Bootstrap, Flexbox/Grid, Responsive Web Design
State & APIs	Redux Toolkit, Context API, RESTful API Integration, JSON, Axios, Fetch API
Tools & Testing	Git/GitHub, VS Code, Chrome DevTools, Postman, Figma (Collaboration), Jest (Basic)
Concepts	Cross-Browser Compatibility, Web Accessibility (a11y), Core Web Vitals, DOM Manipulation

Technical Experience

07/2025–Present	Frontend Developer Intern, DevOps Quest, Interactive Web Platform <ul style="list-style-type: none">Component Development: Designed and developed reusable React components for a gamified learning platform, ensuring code modularity and consistency across the application.State Management: Implemented global state management using Redux to handle user progress data and real-time dashboard updates efficiently for 500+ users.Responsive Design: Built a fully responsive layout using CSS Grid and Flexbox, ensuring a seamless user experience across desktop, tablet, and mobile devices.Performance Tuning: Optimized frontend performance by implementing lazy loading and code splitting, reducing initial load times by 30%.
07/2024–12/2024	Web Developer, FOODISTA, User-Centric Dining App <ul style="list-style-type: none">UI Implementation: Translated low-fidelity wireframes into high-fidelity, interactive web pages using HTML5, CSS3, and JavaScript, focusing on pixel-perfect implementation.UX Enhancement: Improved the user journey for food ordering by designing intuitive navigation and form validations, increasing user engagement metrics.API Integration: Integrated frontend interfaces with backend REST APIs to fetch real-time menu inventory and order status without page reloads (AJAX).Mobile Optimization: Ensured cross-browser compatibility and mobile responsiveness, catering to a diverse user base of 1,000+ students.

Education

2022–2026	B.E. Computer Science, Chandigarh University, Punjab CGPA: 7.65 Relevant Coursework: Web Technologies, User Interface Design, Data Structures, Software Engineering.
2022	Intermediate (Class XII), KV AFS High Grounds, Chandigarh, 82%

Academic Research & Projects

01/2023–03/2023	Research Analyst, Digital Interface Security <ul style="list-style-type: none">Secure UI: Analyzed security best practices for frontend interfaces, researching methods to prevent XSS (Cross-Site Scripting) and CSRF attacks in web forms.User Trust: Investigated the impact of UI design patterns on user trust in digital payment systems, highlighting the importance of clear visual feedback.
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Certifications & Interests

Certifications	Oracle Cloud Infrastructure Generative AI Professional, Frontend Development (Self-Paced)
Interests	UI/UX Design Trends, Web Animations, Open Source Frontend Libraries, Progressive Web Apps (PWA)