

Sandhya Kumari

Frontend Developer

Bodhgaya, Bihar, India

823001

+91 854 198 3472

connect2sandhyaa@gmail.com

sandhya-portfolio-7zj9.onrender.com

in sandhya-53949825a

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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
- **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
- **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*
- **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.

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)