SANJAY KUMAR S R

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PROFESSIONAL SUMMARY

Front-End Developer with **4 years of experience** building scalable, high-performing **React.js applications** using TypeScript, Next.js, and modern **UI frameworks** in **Agile Software Development/Scrum environments**. Skilled in **HTML5**, **CSS3**, **responsive design**, **REST API integration**, **debugging**, **web performance optimization**, **and design patterns**. Experienced in creating **reusable component libraries**, translating **wireframes and Figma design** into **pixel-perfect**, **component-driven architectures** following UX/UI best practices. Proficient in **Lighthouse audits**, **Core Web Vitals monitoring**, and delivering production-ready code with comprehensive test coverage. Strong in **analytical** and **problem-solving**, with a focus on scalable **front-end architecture**, **cross-team collaboration**, and continuous adopting modern **JavaScript** and **React ecosystem practices**.

TECHNICAL SKILLS

Frontend: React JS, Typescript, Next.js, JavaScript (ES6+), HTML, CSS
State Management: Redux Toolkit, TanStack Query, Context API
UI Libraries & Styling: Tailwind CSS, ShadCN UI, Material UI, Styled Components, SCSS
Accessibility & Performance: WCAG, NVDA Screen Reader, SEO, Lazy Loading, Code Splitting, Web Vitals, Lighthouse
Testing: Jest, React Testing Library, Storybook, Test-Driven Development (TDD)
Tools & DevOps: Vite, Webpack, Figma, Postman, Docker, NGINX, CI/CD
Version Control & Package Managers: Git, GitHub, Bitbucket, NPM, Yarn

PROFESSIONAL EXPERIENCE

Russell Tobin Associates Staffing Solutions (Client: Morgan Stanley — ETS Team)
Senior Application Development Engineer | May 2025 — Sept 2025, Bangalore.
- Architected a scalable and accessible event management platform **(Tech Events Portal)**, enhancing UI consistency, cross-browser compatibility, and **WCAG 2.0** compliance through an architecture implemented with **React.js**, **TypeScript**, **ShadCN UI**, and **modular design patterns**.
- **Reduced form submission errors by 30%** through the development of a **multi-step event creation form** leveraging **React Hook Form** and **Zod** with comprehensive **field-level validation** and error handling
- Improved **API performance** and user engagement **by 25%** through **TanStack Query** caching, optimized state management, and the implementation of **interactive calendar and list views** with data-driven filters.

Unisys India Private Limited
Application Development Engineer | Jun 2023 — Apr 2025, Bangalore.
- Engineered **Airline Retailing Platform,** a real-time airline retailing order tracking UI (**IATA Airline Retailing Order view RS v21.3.4**) using **React.js**, **TypeScript**, and **RESTful API**s, improving data handling efficiency and system reliability.
- Enhanced **web performance by 25%** through route-based lazy loading, code splitting and optimized component rendering techniques.
- Delivered **frontend solutions 15% faster** by collaborating with backend engineers and product teams, ensuring scalability and alignment with industry standards.

- Built **AI-Powered Conversational Chat UI** using **Next.js** and **Vercel SDK useChat**, handling 1K+ daily messages and improving response latency by 2 seconds through caching and retry mechanisms.
- Developed and delivered the **Unisys Component Library,** a **React-based component library** (internal) featuring 75+ WCAG 2.0-compliant components, fully documented and showcased in **Storybook**.
- Mentored **2 junior engineers** on Webpack and modular architecture, resulting in a 30% reduction in sprint UI delivery time.
- Acted as Scrum Master while contributing as a frontend developer, facilitating sprint planning, resolving cross-team dependencies, and conducting peer code reviews, improving **team delivery efficiency by 20%**.

Harlalka Services India Private Limited (Client: VM Ware)
Frontend Developer | Oct 2021 — Jun 2023, Bangalore.
- Developed the **VMware CSP Marketplace**, increasing UI reusability and responsiveness through modular interfaces using **React.js**, **HTML5**, and **CSS3**, and integrating the **VMware Clarity Design System** with **Storybook** for shared component documentation
- Migrated legacy **class-based components to functional components**, improving code maintainability and frontend reliability through the addition of form validation, error handling, and standardized coding practices
- Enhanced **accessibility compliance from 50% to 80%**, achieving significant usability gains through the implementation of **WCAG 2.0 standards**, **NVDA screen reader testing**, and resolution of **100+ ARIA** and **color contrast issues**.
- Resolved critical defects in the **publisher module**, strengthening product stability while contributing to **Agile sprints** and adhering to end-to-end Software Development Life Cycle (SDLC) practices.

PROJECTS

My Portfolio — Live: sanjay-dev-beta.vercel.app
Personal portfolio showcasing myself, skills, work experience, and projects.

AI Studio Verse — Live: ai-studio-verse.vercel.app
AI Studio Verse is an AI-powered platform for text generation, image analysis, and conversational AI, enabling seamless integration of artificial intelligence in front-end workflows.

TravelGenie.AI — Live: travel-genie-ai-gem.vercel.app
TravelGenie.AI is Smart travel itinerary generator using Gemini 2.5 Flash AI.

EDUCATION

Bachelor of Engineering (B.E) — Computer Science
T John Institute of Technology, Bangalore – 2020.

CERTIFICATIONS

Introduction to Generative AI — Google Cloud Skills Boost (Sep 2025)
Next.js Development — GeeksforGeeks (Sep 2025)
Frontend Developer React — HackerRank (Dec 2023)