

# 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/Scrum environments**. Skilled in **HTML5**, **CSS3**, **responsive design**, **REST API integration**, **debugging**, **web performance optimization**, and **design patterns**. Experienced in creating **reusable component libraries** and 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 **scalable front-end architecture**, cross-team collaboration, and continuously adopting **modern JavaScript** and **React ecosystem best practices**.

## TECHNICAL SKILLS

**Frontend:** React JS, Typescript, Next.js, JavaScript (ES6+), HTML, CSS

**State Management:** Redux Toolkit, Context API, TanStack Query

**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:** Webpack, Babel, Vite, ESLint, Vercel AI SDK, Figma, Postman, Docker, NGINX, CI/CD Pipelines

**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 and documented a scalable **Tech Events Portal (Event Management Platform)** using **React.js**, **TypeScript & ShadCN UI**, implementing **modular component architecture** with comprehensive technical documentation and **reusable UI patterns** to improve UI consistency by 40%, cross-browser compatibility to 98%, and ensure **WCAG 2.0 AA compliance**.
- Built a multi-step event creation form with **React Hook Form + Zod**, cutting **submission errors by 30%** and reducing **event creation time by ~20s**.
- Boosted performance and engagement by 25% using **TanStack Query caching, pagination, and optimized data-fetching**, reducing load time from 1.8s to 1.2s with interactive calendar and filter views.

### Unisys India Private Limited

Application Development Engineer | Jun 2023 — Apr 2025, Bangalore.

- Engineered a real time **Airline Retailing Platform UI (IATA Order View RS v21.3.4)** using **React.js**, **TypeScript**, and **RESTful APIs**; boosted data-handling efficiency and reliability through advance state management and resilient API integrations.
- Elevated web performance by 25% via route-based lazy loading, code splitting, and optimized component-rendering techniques, while maintaining consistent code quality using **ESLint and Prettier configurations**.

- Accelerated **frontend delivery by 15%** through close collaboration with backend and product teams and scalable deployments using Docker, NGINX & automated CI/CD pipelines.
- Built an AI-powered Conversational Chat UI using **Next.js** with **Vercel AI SDK elements**, handling **1K+ daily chats** and reducing response latency by **2s** with caching & retry strategies.
- Developed and delivered a React-based internal **Unisys Component Library** with **75+ WCAG 2.0** compliant widgets, fully documented in **Storybook** with comprehensive architecture documentation and implementation guides.
- Mentored **2 junior developers** on Webpack, modular architecture, and React best practices, enabling a **30% faster** UI delivery across sprints and improving team code quality.
- Served as **Scrum Master + Frontend Dev**, driving sprint ceremonies, resolving cross-team dependencies, **conducting thorough peer code reviews**, and enforcing frontend best practices and coding standards, improving team delivery efficiency by **20%**.

### **Harlalka Services India Private Limited (Client: VM Ware)**

Frontend Developer | Oct 2021 — Jun 2023, Bangalore.

- Developed and maintained **VMware CSP Marketplace UI**, architecting reusable component patterns that increased component reusable by **40%** and page responsiveness by **30%** using **React.js, HTML5, CSS3**, and integrated **Clarity Design System** with **Storybook** for shared component documentation.
- **Migrated 10+ legacy class components** to functional components with Hooks, improving maintainability and reducing frontend errors by 35% through robust form validation, unified error handling, and coding standardization.
- **Improved accessibility from 50% → 80%**, resolving **100+ ARIA and contrast issues**, implementing **WCAG 2.0 AA** standards, and conducting **NVDA screen-reader testing** for inclusive user experience.
- Resolved **35+ critical defects** in the publisher module, strengthening product stability by **25%**, contributing to **Agile sprints** and following complete Software Development Life Cycle (SDLC) best practices.

### **EDUCATION**

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#### **Bachelor of Engineering (B.E) — Computer Science**

T John Institute of Technology, Bangalore – 2020.