

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, 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, Vercel AI SDK, 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 **Tech Events Portal (Event Management Platform)** using **React.js, TypeScript & ShadCN UI**, implementing, **modular component architecture, 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** and integrated across multiple applications.
- Mentored **2 junior engineers** on Webpack & modular architecture, enabling a **30% faster** UI delivery across sprints.
- Served as **Scrum Master + Frontend Dev**, driving sprint ceremonies, resolving cross-team dependencies, **conducting peer code reviews**, and enforcing best practices, improving team delivery efficiency by **20%**.

Harlalka Services India Private Limited (Client: VM Ware)

Frontend Developer | Oct 2021 — Jun 2023, Bangalore.

- Developed **VMware CSP Marketplace UI**, increasing component reusability 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

Bachelor of Engineering (B.E) — Computer Science

T John Institute of Technology, Bangalore – 2020.