

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**, transforming wireframes into **pixel-perfect, component-driven architectures** following UX/UI best practices. Proficient in **Lighthouse audits, Web Vitals monitoring**, and delivering production-ready code with strong test coverage. Strong **analytical and problem-solving skills**, with proven ability to collaborate across teams, implement technical solutions, stay aligned with industry trends, and **deliver product-focused outcomes**.

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, Azure

Databases: MongoDB, MySQL, PostgreSQL

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 **Tech Events Portal**, a scalable event management platform using React.js, Typescript, ShadCN UI, and Design Patterns, delivering an accessible UI compliant with **WCAG 2.0 standards** and following UI/UX best practices to enhance component reusability, responsive design and UI consistency.
- Implemented **multi-step event creation form** using **React Hook Form + Zod** with full validation, reducing submission errors by 30%.
- Optimized **RESTful API performance** using **TanStack Query caching** and implemented calendar & list views with dynamic filters.

Unisys India Private Limited

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

- Developed **Airline Retailing Platform**, a real-time airline order tracking UI using React.js, TypeScript, and RESTful API integration, ensuring optimized data handling.
- Improved Web Performance by 25% through route-based lazy loading, dynamic code splitting and efficient component rendering techniques.
- Collaborated with backend engineers and product teams to deliver scalable solutions aligned with Industry Trends.
- Built **AI-Powered Conversational Chat UI** using Next.js and **vercel SDK useChat**, handling 1K+ daily messages, improving analytical performance metrics by 2 seconds using caching and retries.

- Delivered **Unisys Component Library**, an internal **React based component library** with 75+ WCAG 2.0-compliant components, showcased and documented 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; facilitated sprint planning, resolving dependencies, conducting **peer code reviews**.

Harlalka Services India Private Limited (Client: VM Ware)

Frontend Developer | Oct 2021 — Jun 2023, Bangalore.

- Developed **VMWare CSP Marketplace**, building responsive and reusable UI modules using React.js, HTML5, and CSS3, and integrating the **VMware Clarity Design System** with Storybook to document shared components.
- Migrated **class-based components to functional components** and implemented form validation and error handling, and coding standards, improving maintainability and frontend reliability.
- Enhanced accessibility compliance by implementing WCAG 2.0 standards and **NVDA screen reader testing**, increasing adherence from 50% to 80% by resolving over 100+ **ARIA and color contrast issues**.
- Debugged and resolved critical issues in the publisher module while actively contributing to Agile sprint cycles and following full 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, emphasizing Artificial Intelligence integration.

TravelGenie.AI — Live: travel-genie-ai-gem.vercel.app

TravelGenie.AI is Smart travel itinerary generator using Gemini 1.5 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)