

# SANJAY KUMAR S R

Mobile: +91 9035322765  
[kumar.sanjay101998@gmail.com](mailto:kumar.sanjay101998@gmail.com)

[linkedin.com/in/sanjay-kumar-s-r/](https://linkedin.com/in/sanjay-kumar-s-r/)  
[github.com/sanju1098](https://github.com/sanju1098)

## PROFESSIONAL SUMMARY

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- Experienced **Application Developer** with **3.5+ Years**, specializing in building high-quality, user-centric web applications using **React JS**, **TypeScript** and **Next JS**.
- Proficient in core web technologies such as **HTML5**, **CSS3**, **JavaScript (ES6+)**. Skilled in writing **Unit Tests** to ensure high code quality and reliability. Adept at creating **responsive**, **scalable**, and **maintainable** front-end solutions.
- Experienced in all phases of the Software Development Life Cycle (SDLC) including **Analysis**, **Design**, **Development**, **Testing**, and **Deployment**.
- Passionate about **improving developer productivity and building robust, scalable**, and using the latest technologies and **best practices**.

## TECHNICAL SKILLS

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<b>Programming Languages</b>	: JavaScript, HTML, CSS.
<b>Framework &amp; Libraries</b>	: React JS, TypeScript, Redux, Vite, Material UI, Next JS, Sass, Emotion CSS, Styled Components, Tailwind CSS.
<b>Tools</b>	: Webpack, Storybook, Docker, Figma
<b>Package Managers</b>	: NPM, Yarn

## WORK EXPERIENCE

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### Unisys India Private Limited.

Application Development Engineer.

Jun 2023 – Present, Bangalore.

Project: Unisys Framework – UI UX Framework.

Responsibilities:

- Developed a **React-based Web Component Library** with **75+ reusable components**, enhancing flexibility, reusability. Documented component properties, and types in **Storybook** for clear and effective documentation.
- Built a comprehensive web application to demonstrate the react web component library, covering both **Web and Mobile (Native and Native Templates)** components, with detailed usage, and properties.
- Implemented a **Global Theme** setup for user customization and making it easier for users to create and personalize themes and integrated **Jest** with **React Testing Library**, writing extensive unit tests to ensure high code quality, reliability, and performance.

Project: Digital Engineer – Chat UI & Admin UI.

Responsibilities:

- Configured custom **Vite.js environments** for development, testing, and production, **deployed applications to Azure**, and **created Docker images** for efficient multi-stage deployment.
- Developed an **AI-driven chat interface using Next.js**, integrating the **useChat AI/React Vercel SDK** to deliver document-based responses based on content uploaded via the **Admin UI**.
- Designed a user-focused **UX for the Chat UI** application in Figma, ensuring an intuitive and engaging interface.
- Enhanced application performance by **reducing API load times**, optimizing data retrieval, and **implementing feedback logic** to improve response accuracy and user satisfaction. Also, architected a robust solution for **chat history management**, ensuring seamless data persistence and efficient retrieval for uninterrupted user experiences.

**Harlalka Services India Private Limited.**

Front End Developer.

Oct 2021 – Jun 2023, Bangalore.

Project: VMware CSP Market Place (Client: VMWare).

Responsibilities:

- Wrote well-abstracted, efficient, reusable, and high-performance code for **UI components**, optimized for fast load times and minimal network requests.
- Implemented **form validation, error handling, and form factor validations** using both functional and class components for a VMware solution, and managed **version control, platform integration, and EULA agreements** for VMware validated solutions.
- Created reusable UI components utilizing the **VMware Clarity Design System** and showcased them with **Storybook**.
- Ensured application **responsiveness** and achieved **80% accessibility** for screen readers, adhering to **WCAG 2.0 (Web Content Accessibility Guidelines)** standards. Wrote comprehensive **Unit Tests for UI** code using React Testing Library and Enzyme, achieving 85%-100% test coverage, and actively **debugged** and **fixed issues** in the publisher module to maintain high code quality.

**Sixth Circle Technologies Pvt Ltd.**

Full Stack Web Developer.

Feb 2021 – Sep 2021, Bangalore.

Project: Custom Local Retail Market Aggregator Platform (Custom LMAP).

Responsibilities:

- Designed and implemented robust **PostgreSQL** database schemas, managing complex operations seamlessly for **products** and **stock** tables.
- Created necessary **views, serializers, and models** for **Product** and **Order models** in the backend using **Python, Django, and Django Rest Framework**. Developed the corresponding UI screens, **handling end-to-end development** from API testing to UI Implementation.

## EDUCATION

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**Bachelor of Engineering** in Computer Science from T John Institute of Technology, **2020**.

**PUC** (Science - PCME) from Vijaya Pre-University College, **2016**.

**SSLC** from Sri Vinayaka Sunrise English School, **2014**.