

# SANDEEP MADIKI

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## PROFESSIONAL SUMMARY:

- Frontend Developer with **3 years of experience** building responsive and scalable web apps using **ReactJS** and **TypeScript**.
- Strong in modern **JavaScript (ES6+)**, **Redux**, **Context API**, and component-based architecture for clean, maintainable code.
- Proven ability to optimize performance using **lazy loading**, **code splitting**, and **React Suspense**, **reducing load time by 20%**.
- Experienced in integrating **REST APIs** and third-party libraries like **Map box** and **React-Phone-Input-2** for dynamic features.
- Delivered projects with **real-time validation**, **modular form builders**, and secure routing using **JWT** and **React Router**.
- Collaborative team player with **Agile/SCRUM** experience, **improving team efficiency and development speed by 25%**.

## TECHNICAL SKILLS:

- **Frontend:** ReactJS, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, SCSS
- **State Management:** Redux, Redux Toolkit, Context API
- **API Integration:** REST APIs, JSON, Axios, JWT Authentication, React Router
- **Forms & Validation:** Formik, Yup, Dynamic Form Builders, Conditional Fields
- **Third-Party Libraries:** Map box, React-Phone-Input-2
- **Testing & Debugging:** Jest, React Testing Library, Postman
- **Build & Version Control:** Webpack, Git, GitHub, Visual Studio Code
- **Basic Backend Knowledge:** Node.js, Express.js, SQL

## PROFESSIONAL EXPERIENCE:

**React js Developer      KloudWorx Technologies Pvt Ltd      Nov 2022 – Present**

- Developed scalable web applications using ReactJS and TypeScript, improving UI responsiveness and performance.
- Improved application load time by 20% through code splitting, lazy loading, and React Suspense.

- Built reusable UI components and managed complex state using Redux and Context API.
- Increased test coverage by 30% using Jest and React Testing Library, reducing production defects.
- Integrated REST APIs using Axios and ensured smooth communication with backend services.
- Collaborated with UI/UX, backend, and QA teams in Agile sprints for feature delivery and testing.
- Utilized Git for version control and Webpack for efficient builds and deployment readiness.
- Contributed to code reviews, maintained clean architecture, and followed best development practices.

## PROJECT EXPERIENCE:

### Digital Heritage Management System

**Tech Stack:** ReactJS, TypeScript, Bootstrap, React Router, Formik, Yup, JWT, Axios

**Description:** Built a responsive admin panel for managing cultural content using ReactJS and TypeScript. Implemented secure role-based access, dynamic forms, and API integration to streamline content updates and improve user workflow.

#### Roles & Responsibilities:

- Developed a responsive admin interface for managing cultural content like articles, events, and media.
- Built UI components using Bootstrap and integrated dynamic routing with React Router.
- Implemented role-based access control using JWT for secure login and permission handling.
- Created dynamic forms with Formik and Yup, including real-time validation and user input handling.
- Integrated REST APIs with Axios to perform CRUD operations across different content modules.
- Enhanced user experience by improving flow efficiency by 15% and simplifying admin operations.

### Onboarding Automation Platform

**Tech Stack:** ReactJS, TypeScript, CSS Modules, Formik, Yup, JWT, REST APIs, Mapbox, React-Phone-Input-2

**Description:** Developed a dynamic, multi-tenant onboarding system with custom form builders, secure authentication, and API integration. Enhanced user data accuracy and streamlined HR workflows through automation.

**Roles & Responsibilities:**

- Designed and developed a scalable onboarding platform with modular templates and dynamic form builders.
- Integrated Mapbox for location selection and React-Phone-Input-2 for international phone validation.
- Secured user authentication and route access using JWT and React Router for protected navigation.
- Built advanced form logic including conditional fields, file uploads, and real-time validation.
- Connected front-end modules with REST APIs to enable seamless data flow and onboarding automation.
- Improved data accuracy by 25% and enhanced HR operational efficiency by 40%.

**EDUCATION:**

- Bachelor of Commerce in Computer Applications 2018 - 2021  
SRI A.S.N.M GOVT COLLEGE, West Godavari

**CERTIFICATIONS:**

MERN Stack Certification    Nxtwave Disruptive Technologies    2022 - 2023