

# SANDEEP SINGH

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## SUMMARY

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Skilled Frontend Engineer with 7 years of experience building responsive, high-performance web applications using React.js, TypeScript, and modern JavaScript. Proven track record in architecting scalable frontend systems, optimizing load times (40%+ boost), and enhancing user experience across diverse products. Recently contributed to LLM-powered features, combining AI with UI to drive smarter user workflows.

## EXPERIENCE

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### Senior Software Engineer (React JS)

Tookitaki Technologies Pvt. Ltd

May 2021 - Present, Bengaluru

- Created an **LLM-based AI copilot** to assist investigators in progressing alert investigations, enabling faster insight generation and improved analyst productivity.
- Reduced page load time by 40% through strategic bundle and code optimization.
- Enabled internationalization and localization by implementing multilingual support and user-configurable global UI settings empowering users to personalize static content on the go.
- Maintained high code quality standards through unit and integration testing using Jest and React Testing Library.
- Developed accessible, responsive, and well-tested UI components using CSS-in-JS (Emotion) and Tailwind.
- Designed and implemented efficient state management patterns using Context API and Redux to streamline data flow
- Collaborated with DevOps to maintain CI/CD pipelines using GitLab CI and Docker for seamless frontend deployment.
- Integrated RESTful and GraphQL APIs into frontend components, improving system communication, flexibility, and reliability.
- Conducted sprint planning, daily stand-ups, sprint reviews, and retrospectives to drive collaboration and timely deliverables.
- Worked cross-functionally with backend engineers, UX designers, and product managers to deliver high-quality features.

### Senior Software Engineer (React JS)

Newgen Software

Dec 2020 - May 2021, Remote

- Built and maintained functional-based reusable components, improving modularity and development efficiency.
- Added locale support for global user base, enhancing accessibility and usability.

### Associate Software Engineer (React JS)

Vmkosha Technology Pvt. Ltd.

May 2018 - Dec 2020, Bengaluru

- Implemented role-based authentication and dynamic UI components.
- Built and maintained production-grade applications using Next.js and TypeScript, leveraging SSR and SSG for performance and SEO optimization.
- Created 50+ reusable components, ensuring consistency and reducing duplication.
- Designed Redux-based state management, reducers, and frontend architecture.
- Developed custom form inputs, graph components, and various UI utilities.
- Collaborated with cross-functional teams to deliver high-availability frontend solutions.

## SKILLS

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React.js, Next.js (SSR), TypeScript, Redux (state management), JavaScript (ES6+)

HTML, CSS, SASS/LESS, Tailwind, Styled Components, Material-UI, ANT Design

JEST, React Testing Library, React Developer Tools

## AWARDS & HONORS

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### Top Achievers Award

Tookitaki Technologies • 2023

- Recognized for outstanding performance and dedication throughout the year.

## EDUCATION

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### Bachelor of Engineering - Information Technology

Mahakal Institute of Technology | RGPV University • Ujjain, India • 2017