

Akashdeep Samantra

Senior Software Developer

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SUMMARY

Senior Frontend Developer with 7+ years building scalable applications using React, TypeScript, and design systems. My background spans both engineering and UX design, enabling me to create interfaces that prioritise usability. I identify potential issues early, design within technical constraints, and build applications that balance performance with user experience.

SKILLS

FRONTEND : React.js · Next.js · Javascript · Typescript · HTML5 · CSS3 · Astro · Redux · Three.js
Progressive Web Apps (PWAs) · Server-Side Rendering (SSR) · Animations

TOOLS : Webpack · Vite · Vercel · Git · Github/Gitlab · Docker · CI/CD · Storybook

ARCHITECTURE : Design Systems · Design Tokens · Micro-frontends · Component Libraries

DESIGN : Figma · Framer · Wireframing · UX Research · Prototyping · Style Guides · Accessibility

BACKEND & TOOLS : RESTful APIs · Node.js · Rust · Docker

WORK EXPERIENCE

Software Engineer II | 7-ELEVEN CORPORATE SERVICES INDIA LLP (MAR 2024 - PRESENT)

- Owned the frontend for a React-based store cash management application used across 15,000+ stores and 500,000+ users, ensuring reliability at scale.
- Maintained 99.9% uptime by introducing browser-level monitoring and resolving recurring edge-case production issues.
- Optimised UI performance for large datasets and complex workflows, reducing lag and improving responsiveness
- Developed and tested UIs with 85%+ coverage using Jest and React Testing Library; improved code quality through consistent reviews and best practices.

Senior Software Engineer | QUALITIA SOFTWARE PVT. LTD. (PREVIOUSLY INSTAZEN SOLUTIONS PVT. LTD.) (OCT 2018 - FEB 2024)

- Led UI design from wireframes to Figma prototypes, conducting usability testing with 20+ users; translated designs to production-ready React components.
- Led development of React design system with custom theming and design tokens, documented in Storybook; reduced UI bugs by 60%
- Built accessible components following WCAG 2.1 AA standards with ARIA labels, improving score from 65 to 95.
- Optimised performance through code splitting, lazy loading, and React Server Components; reduced load time by 45% and improved Core Web Vitals.

Project Engineer | WIPRO (NOV 2017 - OCT 2018)

- Contributed to feature development and issue resolution in firmware creation for a prominent software enterprise.
- Coordinated with clients to understand issues and resolve issues within defined deadline

RECENT PROJECTS

WineOps | ROLE: UX DESIGNER

- Designed a mobile app for inventory management, ordering, and analytics for a US-based franchise, focusing on simplifying complex store workflows
- Developed wireframes and high-fidelity prototypes in Figma, delivering production-ready design systems for mobile app