Om Prakash Kesarwani

Senior Technical Lead | Frontend Architect | 10.5 Years Experience

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Professional Summary

Frontend engineering leader with 10+ years of experience building scalable UI platforms, SDKs, and hybrid mobile apps. Proven expertise in React, Next.js, and performance optimization. Skilled in leading high-performing teams, delivering cross-functional projects, and driving architectural improvements.

Core Skills

Frontend: React, Next.js, Redux, Angular, AngularJS, React Native, Hybrid Apps
Tooling: Webpack, Rollup, Storybook, Jest, React Testing Library, Visual Testing, CI/CD
Architecture & Leadership: SDK design, Performance Optimization, Cross-functional Delivery, Team Leadership

Work Experience

Paytm | Senior Technical Lead (promoted from Technical Lead)
May 2022 – Present

• Led the development of a central Frontend SDK, powering ~90% of Paytm app pages, rendering dynamic widgets (banners, carousels, video/reels, coachmarks, interstitials, etc.) from API-driven configurations.
• Architected the SDK with Rollup + Shadow DOM, implementing lazy-loading, optimized data flow, and error boundaries → improved Core Web Vitals and reliability.
• Introduced Ads visibility tracking via OM-SDK integration, enabling industry-standard ad measurement & reporting.
• Built infrastructure for unit testing (Jest + RTL), visual regression testing (Storybook + BackStopJS), and daily CI/CD cron reports → reduced regression cycles from 1 week to 3 hours.
• Authored detailed documentation for 65+ widgets and established a release planning process, ensuring consistent, bug-free deliveries.
• Implemented click callback framework for widgets, enabling downstream teams to capture event data seamlessly.

- Created "Z-One", a VS Code extension working on top of IDEs (e.g., Cursor) and powered by MCP tools, to streamline developer workflows and automate contribution processes. Widely adopted internally, improving developer productivity and onboarding efficiency.
- Led and mentored a 4-member team while contributing hands-on coding, collaborating with PMs, QA, Ops, and cross-vertical stakeholders.
- Recognized with promotion to Senior Technical Lead for technical and leadership contributions.

Optum | Senior Software Engineer
Jan 2021 – May 2022

• Built a responsive PWA using Next.js with service workers & web workers, leveraging SSG + CSR → dramatically improved performance and client retention.
• Developed a web-based Citizen Benefit Management System where users can manage family benefits using React, React JSON Schema, and Redux.

Deloitte | Consultant
Feb 2019 – Jan 2021

• Developed a graphing component in Angular v4 using native APIs, eliminating dependency on external libraries and improving performance.
• Delivered a Citizen Benefit Management System in Salesforce LWC; quickly mastered the framework and conducted training sessions for developers.
• Built a scalable React Native Child Welfare product with offline support, Salesforce backend integration, and incremental sync.
• Designed atomic component architecture + flag-based Redux flow for dynamic CRUD modules.
• Created a code generation system that auto-produced 200+ React Native pages, reducing manual effort and ensuring seamless integration.
• Built a tool to convert Salesforce Aura components into LWC, accelerating legacy migration.

Nagarro | Senior Associate Technology
Jun 2018 – Feb 2019

• Developed a React Native child welfare application for Android & iOS with offline record maintenance, video/audio capture, and incremental syncing.
• Took ownership after lead's transition, delivering features independently and managing client communications.
• Implemented Redux state management and Realm DB for stable offline performance.

TCS | System Engineer
Feb 2015 – Jun 2018

• Built hybrid mobile and responsive web apps using AngularJS, Angular 2+, Ionic, Cordova, and SQLite with offline sync, OAuth SSO, and Firebase push notifications.
• Led teams of 2–4 engineers across multiple projects while remaining hands-on with coding and delivery.
• Collaborated with backend leads for API integration and client requirements, ensuring timely and seamless delivery.

Education

MCA – SASTRA University, Thanjavur (2018)
BCA – CSJM University, Kanpur (2014)