

# KAPISH PANDEY

## Senior Software Engineer

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## PROFESSIONAL SUMMARY

Senior Software Engineer with **7 + years of experience** in frontend architecture, Web SDK development, scalable UI systems, and full-stack product engineering. Built and maintained the **JioAds Web & KaiOS SDK** powering high-traffic Jio apps. Strong expertise in **React, JavaScript, Node.js, MongoDB**, performance optimization (virtualized lists, caching, lazy rendering), and modular UI systems. Developed two complete engineering POCs (**SalonMind, CleanMyCar**) with ownership across **UI/UX (Figma) → Backend APIs (Node.js) → Mobile App (Capacitor) → Testing (Postman, Playwright)**.

## CORE SKILLS

**Frontend:** React.js, JavaScript (ES6+), TypeScript (Basic), Vite, Tailwind CSS, Next.js (Basic)

**Backend:** Node.js, Express.js, MongoDB, Mongoose

**Mobile:** Capacitor (Android/iOS)

**Testing:** Playwright (E2E), Postman

**Tools:** Git, GitHub, VS Code, Android Studio, Figma

**Concepts:** Web SDKs, Performance Optimization, System Design, Modular Architecture, REST APIs

## PROFESSIONAL EXPERIENCE

Senior Software Engineer — Quest Global (Client: Jio Platforms Ltd)

March 2018 – Present

JioAds Web + KaiOS SDK Development

- Built & maintained **JioAds Web & KaiOS SDKs** used across high-traffic Jio apps & partner sites.
- Improved SDK performance by **~30%** using caching, batching, and optimized ad-loading logic.
- Reduced partner integration issues by **~40%** via structured logging, fallback logic, and event-validation tools.
- Decreased debugging time by **~35%** with virtualized rendering for large event logs.
- Increased SDK release stability by **~50%** using Playwright automation for high-risk flows.
- Boosted API validation accuracy by **~25%** through Postman regression suites.
- Architected modular SDK components: auth, event tracking, config loader, error handling, storage, retries.
- Collaborated with product, QA, backend, and publisher teams to optimize SDK adoption & reliability.

## KEY ENGINEERING PROJECTS

### 1. SalonMind — Full SaaS Salon Management System (POC)

**Tech Used:** React.js · Node.js · MongoDB · Tailwind CSS · Capacitor · Figma

- Designed scalable **React UI architecture** with reusable components, modular routing & API-driven state.
- Improved dashboard load performance by **~20%** using lazy loading & optimized API workflows.
- Built **30+ reusable UI components**, increasing developer productivity & UI consistency by **~40%**.
- Developed modules: service catalog, pricing engine, commission system, payroll, reports, logs, RBAC.
- Designed complete UI/UX in **Figma** with scalable design tokens & consistent layout patterns.
- Built Employee mobile app using **Capacitor** (Android/iOS).
- Created backend services for authentication, CRUD APIs, service logs, commission workflows.
- Added automation using **Postman + Playwright** for API and UI flows.

## 2. CleanMyCar — Subscription + Daily Car Cleaning Platform (POC)

**Tech Used:** React.js · Node.js · MongoDB · Capacitor · Figma

- Developed **User & Cleaner mobile apps** using Capacitor with optimized UX for low-end Android devices.
- Improved app responsiveness by **~30%** through optimized state logic & background sync.
- Simplified booking workflow, reducing steps by **~25%** using improved UI/UX flows (Figma).
- Created backend APIs: subscriptions, OTP login, daily logs (with photos), cleaner assignment.
- Implemented modular React frontend with clean state management & predictable API-driven flows.
- Designed complete cross-platform UI system in Figma.

## EDUCATION

### Master of Computer Applications (MCA)

School of Management Sciences, Varanasi (2016)

## ADDITIONAL

- Strong ability to break complex systems into scalable, modular components.
- Self-driven engineer with two complete product POCs delivered end-to-end: **PRD → Architecture → Backend → UI → Mobile → Testing.**