

NEELESH YADAV

React Native & React Developer

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PROFESSIONAL SUMMARY

"I don't just ship apps — I take full ownership from architecture to production, building products that are fast, reliable, and loved by users."

React Native & React Developer with **3+ years of experience** building scalable mobile and web applications. Delivered **10+ production apps** across App Store & Play Store serving **20,000+ users** with strong ratings. Expert in cross-platform architecture, real-time systems, and performance optimisation, with experience leading React Native upgrades and modern architecture adoption in production environments. Proficient in **TypeScript, Redux, Firebase, AWS, and CI/CD**, with a proven track record of shipping reliable products and mentoring developers.

PROFESSIONAL EXPERIENCE

Senior React Native Developer

EC Info Solutions Pvt. Ltd.

Sep 2023 – Present

Pune, Maharashtra

- Owned end-to-end development of **5 production React Native apps** (Soul33, Yoke Yoga, Barva, Netra's Organic, CultureMax) — collectively serving **20,000+ active users** with 4.5+ App Store & Play Store ratings
- Architected real-time group chat using **WebSocket** — 200+ concurrent sessions with swipe-to-reply, typing indicators, read receipts, and audio messages; built Zoom SDK 2.2.0 live streaming for Yoke Yoga
- Built full audio engine (`react-native-track-player`): background playback, mini-player overlay, offline progress sync, download queue management, and S3 voice upload with waveform visualisation
- Delivered complete **Shopify Storefront API** integration across two apps — products, variants, cart, checkout, customer auth, order history, and a Buy 4 Get 2 Free bundle configurator
- Implemented real-time AR features using **VisionCamera** and face tracking, enabling interactive lipstick try-on experiences
- Led RN migrations: 0.72 to 0.79 (Yoke), 0.72 to 0.81.1 + **New Architecture** (CultureMax, Barva); migrated Android Java to **Kotlin** and iOS Obj-C to **Swift** on CultureMax — zero regression
- Optimised rendering performance using **React.memo, useMemo, and useCallback**, achieving smooth and consistent **60fps** scrolling in FlatList-heavy screens
- Established **CI/CD pipelines** via GitHub Actions cutting deployment time by 60%; mentored **5+ junior developers** on Redux architecture, TypeScript patterns, and performance best practices
- Integrated **Firebase suite** across all apps — Crashlytics for production monitoring, FCM push notifications with deep linking, Remote Config for feature flags, and App Tracking Transparency (iOS 14+)
- Managed **App Store & Play Store** release cycles for 5 apps — versioning, ProGuard rules, provisioning profiles, screenshot assets, and compliance reviews with zero rejections across all submissions
- Defined and maintained scalable application architecture, ensuring modular code structure, maintainability, and long-term product stability across multiple apps

Full-Stack Developer

The Special Character Pvt. Ltd.

Jan 2023 – Aug 2023

Ahmedabad, Gujarat

- Built and shipped a **digital business card SaaS platform** (Next.js + Tailwind CSS) serving **10,000+ concurrent users** with high Google PageSpeed scores
- Implemented **JWT-based authentication** with refresh token rotation handling **5,000+ daily sessions**; integrated payment gateways processing **Rs. 1,00,000+ monthly transactions** with reliable success rates
- Optimised MySQL queries & API endpoints reducing response time from **800ms to 400ms**; reduced CSS bundle size using Tailwind JIT mode
- Delivered **corporate React Native & Flutter training to 50+ developers**; built automated test suites improving code quality and reducing production issues
- Designed scalable backend architecture with **Node.js & MySQL**, including REST APIs, database indexing, and efficient data models for high-load scenarios
- Collaborated closely with design and product teams to deliver responsive, user-centric UI/UX, ensuring consistency across devices and browsers

KEY PROJECTS

Soul33 – The Beacon | *React Native, TypeScript, Redux Toolkit, WebSocket, Firebase, AWS S3*

- Full-featured spiritual wellness platform — guided meditations, oracle card readings, group chat, audio streaming, personalised journeys, and subscription content; multilingual (English, Spanish, Mandarin)
- Architected **real-time WebSocket group chat**: auto-reconnection + heartbeat, swipe-to-reply with animations, jump-to-message, typing indicators, read receipts, audio messages, and superuser moderation
- Built complete **audio engine** with `react-native-track-player`: background playback service, mini-player overlay across all screens, offline progress sync, download queue with progress tracking, and S3 voice upload with waveform visualisation
- Enabled **New Architecture** (JSI + Fabric + TurboModules), significantly reducing frame drops and achieving consistent 60fps across 50+ screens
- Improved runtime performance and responsiveness during audio playback and heavy UI interactions across the app
- Subscription management with in-app purchase flows, paywall screens, and content gating; Firebase App Tracking Transparency (iOS 14+), production console suppression via Babel, and environment-based API switching
- 6-slice Redux store (auth, downloads, media, profile, updates, misc), Soul Oracle 3D tarot with card-flip animations, Soul Journal, Meditation Calendar with moon phases, and full tablet-responsive UI

Yoke Yoga | *React Native, TypeScript, Redux Toolkit, ZegoCloud SDK, WebSocket, Firebase*

- Social wellness platform with TikTok-style infinite-scroll Reels — thumbnail generation, play/pause on screen focus/blur, FastImage priority loading, and FlatList virtualisation across 100+ screens
- Integrated **Zego Cloud SDK** for live streaming: stream create/end, viewer management, KeepAwake, real-time audience chat, and stream quality controls
- Full social suite: follow/unfollow with optimistic UI, comment threading, one-on-one chat, creator verification, deep-link push notifications via FCM + Notifee; gamification with level progression, energy/battery mechanics, and Practice Insights
- Led **React Native 0.72 to 0.79 migration** with full TypeScript coverage, Redux Persist, and memoised rendering — re-renders reduced by 40%, scroll FPS improved from 45 to consistent 60fps

Barva Skin Therapie | *React Native 0.81.1, TypeScript, Shopify API, VisionCamera, Firebase*

- Ayurveda beauty e-commerce app — full **Shopify Storefront API**: paginated product & collection fetching, variant selection with image filtering, inventory/sold-out tracking, cart (create/add/update/remove/checkout), customer auth, and order history
- Implemented **AR lipstick try-on** with VisionCamera real-time camera feed; custom HTML renderers for product descriptions and blog articles with iframe & YouTube video support
- FCM push notifications with deep linking, notification screen (filter/mark-read/swipe-to-delete), badge tracking via Redux, Notifee foreground handling; offline resilience via `netinfo` — fallback UI + auto-retry
- RN 0.81.1 + New Architecture enabled; performance: FastImage caching, FlatList optimisation, debounced search, React.memo/useMemo, native-driver animations, and skeleton loaders; light/dark/colorful theme variants

CultureMax | *React Native 0.81.1, New Architecture, TypeScript, Kotlin, Swift, Firebase*

- Marathi cultural education & gamification app — **migrated Android Java to Kotlin** and **iOS Obj-C to Swift**; upgraded RN 0.72 to 0.81.1 with New Architecture enabled; App.js fully migrated to TypeScript
- Monetisation system: sponsor cards, banner ads, and reward vouchers increasing engagement by **35%**; redeem code flow with validation, points tracking, rewards catalogue, and redemption history
- Build system modernised: Gradle 8.14.3, SDK 36, edge-to-edge, RTL support, iOS deployment target 15.1, and `PrivacyInfo.xcprivacy` App Store compliance; real-time analytics for sponsor clicks and view counts

Flairish Ecosystem | *React Native, TypeScript, Redux, Zoom SDK, WebSocket, AWS S3, VisionCamera*

- Built **2 interconnected production apps** on a shared backend — Hobbyist app and Instructor mobile app — serving distinct roles in a creative learning marketplace
- Integrated **Zoom Video SDK 2.2.0** with screen sharing & camera sharing on iOS and Android; handled foreground services, media projection permissions, session lifecycle, and host controls
- Designed S3 media pipeline: multi-select uploads, validation, presigned URL upload with progress tracking, and thumbnail generation; implemented availability system with animated time slots and UTC handling
- Implemented Apple Sign-In & Google Sign-In with secure OAuth flows; built real-time WebSocket chat with user moderation and state handling; centralised theme system across apps
- Maintained versioned releases across both apps with Firebase Crashlytics monitoring, ensuring stable production builds with no critical regressions

TECHNICAL SKILLS

Mobile: React Native, JavaScript ES6+, TypeScript, New Architecture (JSI/Fabric/TurboModules), Native Modules, Expo, iOS (Xcode), Android Studio, Kotlin, Swift
Web: React.js, Next.js, Vite, Tailwind CSS, HTML5, CSS3, Framer Motion, Shadcn/UI
State Management: Redux Toolkit, Context API, Zustand, MMKV, AsyncStorage, Redux Persist
UI & Animation: React Native Reanimated, Lottie, Gesture Handler, Styled Components, SVG Animation
Backend & APIs: REST APIs, GraphQL, WebSocket, Node.js, Firebase Auth, Firestore, Cloud Functions, Shopify API, Strapi
Media & AR: Zoom SDK, VisionCamera, Three.js, MediaPipe, react-native-track-player, react-native-video
Cloud & DevOps: AWS S3, AWS Lambda, GCP, Firebase Suite, GitHub Actions CI/CD, Vercel, App Store, Play Store
Tools: Git, GitHub, Postman, Figma, Flipper, Xcode, Android Studio, Agile / Scrum
Performance: Code Splitting, Lazy Loading, Memoisation, FlatList Optimisation, Bundle Reduction, Profiling (Flipper)

EDUCATION

Bachelor of Technology — Computer Science Engineering

Institute of Technology, Nirma University (NAAC A+ | NBA Accredited | NIRF Top 150 | #1 in Gujarat)

Jul 2019 – May 2023

Ahmedabad, Gujarat

CERTIFICATIONS & ACHIEVEMENTS

Certifications: Algorithmic Toolbox — Coursera / UC San Diego, Nov 2021 (ID: XTNMD5CG83VY) | Programming for Everybody (Python) — Coursera / U of Michigan, Oct 2020 (ID: FMYUVTTL22PK) | React Native Professional (2023) | JavaScript ES6+ Advanced (2022)

- Deployed **10+ apps** to App Store & Play Store — 20,000+ active users, consistent 4.5+ star ratings
- Led delivery of Soul33 (15K users), Yoke Yoga (10K), Barva, Netra's Organic, Flairish & CultureMax
- Eliminated unnecessary re-renders and led adoption of the New React Native Architecture, delivering major runtime performance improvements on Soul33 and CultureMax
- Migrated **Android Java to Kotlin** and **iOS Obj-C to Swift** on CultureMax production app
- Delivered **corporate training to 50+ developers** at The Special Character; mentored 5+ juniors at EC Info
- Consistently delivered **5+ additional features per sprint** across all active projects
- Elected **President of ISTE Students' Chapter** — led 500+ member technical community