

Rushit Jivani

Senior Software Architect · Engineering Manager · Technical Team Lead

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PROFESSIONAL SUMMARY & KEY ACHIEVEMENTS

Software Architect and Technical Team Lead with nearly 7 years of experience building mobile and web applications at scale. I specialize in React Native, React.js, Next.js, and Node.js. Delivered scalable, high-performance cross-platform mobile apps (iOS & Android) and web applications across Healthcare, Social, EdTech, E-Commerce, and FinTech domains for organizations including government initiative serving hundreds of thousands to millions of users in remote places. Reduced crash rates by up to 90% and improved application performance by 25–40% through Clean Architecture, MVVM, and modern CI/CD practices. Experienced leading and mentoring 8–9 member engineering teams and collaborating with international stakeholders from architecture through production deployment.

CAREER HIGHLIGHTS

500,000+ and 5,000+ app downloads delivered on GSWS — Consistent Rhythms and Quranlingo alone, across 10+ production apps live on the App Store and Play Store.

Hands-on across the full mobile stack — WebRTC real-time communication, Firebase services, deep linking, push notifications, and native module integration.

70–80% automated test coverage driven via Jest and React Native Testing Library, cutting regression risk across releases.

Engaged concurrently across multiple staffing and consulting partners — Pacific Consulting, BeyondScale, String Technology — as a trusted senior contractor.

TECHNICAL SKILLS & EXPERTISE

Languages & Core: TypeScript, JavaScript (ES6+), Node.js, PHP, Shell Script, XML, JSON

Mobile Development: React Native (CLI & Expo), iOS, Android, Native Modules, Device APIs, Firebase, WebRTC, Push Notifications, Deep Linking, Localization (i18n), Offline Caching, Background Sync, Memory & Battery Optimization

Frontend & Web: React.js, Next.js, Redux, Redux Toolkit, Zustand, MobX, Context API, Hooks, React Query, GraphQL, Tailwind CSS, Styled Components, MUI, Storybook, Responsive Design, Progressive Web Apps

Software Architecture: Clean Architecture, MVVM, MVC, MVP, SOLID Principles, System Design, Cross-Platform Architecture, Atomic Design, Component-Based & Feature-Based Architecture, Scalable Component Strategy, API Integration, Performance Optimization, Security Implementation

Backend & APIs: RESTful APIs, GraphQL, Node.js, Axios, React Query, Socket.io, WebSockets, SQL, Payment Integration

Testing, Quality & DevOps: Jest, React Native Testing Library, Detox, Appium, Sentry, Flipper, Manual & Regression Testing, Code Reviews, CI/CD Pipelines, GitHub Actions, Release Governance

Development & Collaboration Tools: Git, GitHub, GitLab, Bitbucket, Jira, Chrome DevTools, React Native Debugger, App Store Connect, Google Play Console, Agile/Scrum

Analytics, Design & Accessibility: Google Analytics, Posthog, Adjust MMP, Figma, Adobe XD, Microsoft Clarity, Design Systems

AI-Assisted Development: Cursor, Claude Code, Windsurf, Antigravity, Codex — Agentic Coding Workflows, AI Pair Programming, Rapid Prototyping, Refactoring, Test Generation

Domain Expertise: Healthcare & Wellness, FinTech, Media, EdTech, E-Commerce, Nonprofit Organizations

WORK EXPERIENCE

LetsHang! Remote · Jul 2023 – Present
SDE 4 - Senior Software Architect, Team Lead & Founding member
US-based startup building a next-generation social, events, and community engagement platform.

- Led end-to-end engineering delivery across **7+ major product initiatives**, owning technical discovery, architecture, implementation, testing, stabilization, and production delivery while balancing product priorities with long-term scalability.
- Drove the platform's **B2B evolution** by designing and implementing foundational capabilities including **Organizations, Organization Plugins, Memberships, Tickets, Venue seating, and organization-aware workflows**, expanding the platform beyond individual users.
- Became a primary technical owner for the **Plugin architecture**, resolving architectural challenges, establishing reusable implementation patterns, introducing shared caching strategies, and creating scalable foundations for future product growth.
- Delivered **full-stack solutions** across responsive frontend applications, backend APIs, business logic, database changes, analytics, and performance optimization, taking ownership of complex features from UI through backend and production.
- Improved **engineering quality, performance, and maintainability** through caching, reusable components, refactoring, technical-debt reduction, Storybook-driven component architecture, and standardized development practices across the codebase.
- Established a **documentation-first engineering culture** through structured meeting notes, onboarding documentation, technical requirements, implementation guidelines, and knowledge sharing; mentored engineers through **code reviews, technical design discussions, architecture guidance, and troubleshooting**.
- Promoted engineering best practices through **technical writing and knowledge sharing**, publishing articles on **code review, Storybook, application security, automated Git hooks, and TypeScript/ESLint/Prettier standardization**, demonstrating strong focus on developer

experience, code quality, security, and maintainable engineering practices.

BeyondScale

Remote · Jul 2025 – Dec 2025

Lead Mobile Engineer

React Native, TypeScript, ARKit/LiDAR, OpenCV, React Native Skia, Redux Toolkit

- Engineered an **AR & LiDAR-guided wound assessment platform** in React Native, integrating ARKit depth streams, Kalman filter sensor fusion, and adaptive EMA smoothing to deliver real-time sub-centimeter distance measurement stability.
- Architected **computer vision algorithms** using OpenCV and @shopify/react-native-skia for real-time wound contour extraction, ROI normalization, and dynamic pixel-to-mm calibration to compute wound area, perimeter, and volume metrics.
- Built **interactive 2D canvas components** supporting freehand selection, polygon ROI editing, and a custom **Ghost Contour Overlay engine** allowing clinicians to track wound healing progression across historical patient visits.
- Refactored core media infrastructure into centralized **ImageService** and **AssetManager** modules, eliminating untyped global state, unifying aspect-ratio canvas transformations, and preventing cross-platform rendering artifacts.
- Developed **Red-Yellow-Black (RYB) tissue color classification algorithms** with real-time interactive slider controls to give clinicians quantifiable insights into wound healing stages.

Uniify

Remote · Apr 2023 – Jul 2023

Senior Software Engineer & Team Lead

Enterprise Employee Engagement & Wellness Platform | Lead React Native Engineer (iOS & Android)

- Architected and delivered the **Uniify cross-platform mobile application (iOS & Android)** using React Native, TypeScript, and Expo, serving enterprise clients with engagement, OKR tracking, and health integration modules.
- Designed and built the complete **Goal & OKR Management engine** from scratch, featuring multi-step target outcomes, interactive leaderboards, multi-member assignment pickers, and real-time department filtering.
- Implemented core **health & wellness capabilities** by integrating native Apple HealthKit and Google Fit APIs for automated step tracking, scheduled hydration notifications, and audio-guided mindfulness sessions.
- Engineered a **modular UI component architecture** and standardized Redux state management, reducing code duplication across 15+ feature modules and cutting feature delivery cycles by 30%.
- Configured **multi-environment release pipelines** (Dev/Prod API gateways) and resolved critical iOS/Android native edge cases, ensuring smooth app store publishing and high crash-free session rates.

STRING Technology

Remote · Mar 2023 – Apr 2023

Frontend Engineer

Scalable EdTech web platform with interactive LMS modules & real-time analytics.

- Developed a scalable **EdTech web platform** using React 18, TypeScript, and Redux Toolkit Query, featuring interactive LMS modules, assessment engines, and real-time student/faculty analytics.
- Engineered a dynamic **online assessment & examination suite** with automated timed quiz runners, option shuffling, score calculation, and performance visualization using ApexCharts and Chart.js.
- Implemented **academic management features** including attendance KPI tracking, interactive daily schedules via FullCalendar, admission workflows, assignment management, and video course playback.
- Built secure **JWT authentication** with automated header interceptors, session expiration handling, and optimized background data fetching using RTK Query and React Query.

BeyondScale

Remote · Sep 2022 – Feb 2023

Senior Software Engineer

Statewide Education & Inspection Governance Platform | React Native, Redux Saga, Firebase

- Built a **cross-platform React Native mobile application** deployed across statewide field officers (WEA, Mahila Police, EA) and headmasters to streamline school governance and SOP inspection workflows.
- Implemented an **offline-first architecture** using Redux Persist, Saga, and NetInfo to queue field inspection data, form payloads, and media evidence in low-connectivity areas with automatic background sync upon network recovery.
- Integrated **native device capabilities** including GPS geolocation tagging (react-native-get-location), RSA data encryption (jsencrypt), push notifications, and hardware-accelerated image/video compression (react-native-compressor) to optimize upload bandwidth on 2G/3G networks.
- Integrated **Firebase Crashlytics & Analytics** for real-time error tracking, supported unit/integration testing with Jest, and collaborated closely with QA to deliver high-reliability capability releases.

Naico ITS

Remote · Aug 2022 – Sep 2022

Senior React Native Developer

React Native, TypeScript, MobX-State-Tree, AWS Amplify & Cognito

- Architected and developed a **cross-platform React Native (TypeScript) campus social app** featuring MobX-State-Tree offline persistence, secure Keychain auth, and AWS Amplify/Cognito integrations.
- Implemented **short-form discovery video feeds** and media processing pipelines utilizing native GPUImage modules, custom video compression, and dynamic caching.
- Integrated **real-time 1-on-1 and group chat** using Gifted Chat and push notifications, while configuring Detox E2E tests and Fastlane automated build/deployment pipelines.

Leocan Technologies LLP

Surat · Dec 2019 – Aug 2022

Full Stack Engineer

Full-stack software development firm specializing in cloud-native applications and mobile ecosystems.

- Developed robust REST APIs utilizing PHP and Node.js while managing MySQL databases to support highly active production workloads.
- Led the complex migration of legacy React Native codebases (v55 to v59), fixing breaking native dependencies, optimizing builds, and stabilizing CI/CD pipelines.
- Engineered advanced social media features, including custom camera filter integration and an optimized image processing pipeline using shaders.
- Collaborated directly with QA teams on comprehensive functional and regression testing to ensure pristine release quality.

PROJECTS

Let's Hang! - Event Creation & Ticketing Platform

Built event ticketing and RSVP management platform enabling modern hosts to create custom event landing pages, manage RSVPs, sell digital tickets, and send real-time updates to attendees.

Ferrari Laundry - On-Demand Laundry & Dry Cleaning Platform

Developed cross-platform mobile and web applications for Kuwait's leading laundry brand, featuring on-demand pickup/delivery scheduling, automated order tracking, regional location mapping, and secure digital payments.

Uniify - Enterprise Employee Engagement Platform

Engineered an enterprise employee experience mobile platform incorporating pulse surveys, peer-to-peer recognition rewards, automated goal tracking, and internal communication tools to boost workplace wellness and retention.

GSWS Consistent Rhythms - Government School Monitoring App

Built official Android data collection app for the Government of Andhra Pradesh (GSWS), enabling field officers to conduct weekly school inspections, log digital surveys offline, and track educational infrastructure progress across the state.

QuranLingo - Gamified Language Learning App

Built an interactive, gamified cross-platform mobile app for Quranic Arabic learning, featuring streak tracking, spaced repetition, AI-powered audio recitation analysis, multi-language support, and parent/teacher progress dashboards.

Granite Health - Medical Practice Management & EHR Platform

Developed intelligent practice management and patient portal solutions for UK private healthcare providers, streamlining clinical appointment scheduling, medical billing, HIPAA/GDPR-compliant EHR records, and secure patient communications.

FlickPost - Indian Social Network

Built core mobile and web features for India's video-first social platform, including short-form video feeds, real-time private chat, video-KYC user verification, and cross-network content sharing.

Roomchecking Hopr - Hotel Operations & Housekeeping SaaS

Engineered real-time hotel operations app used by 1,000+ global hotels to streamline room housekeeping, maintenance ticketing, VIP inspections, and front-desk task dispatching with real-time room status updates.

Jal Jeevan Mission 2.0 - National Rural Water Infrastructure Platform

Contributed to the digital infrastructure for the Government of India's flagship rural water supply mission, supporting field GIS asset geotagging, real-time scheme progress tracking, and water quality data monitoring dashboards.

LEADERSHIP, MENTORSHIP & TEAM MANAGEMENT

- Mentored and managed engineering teams of 4-6 developers through architecture reviews, structured code review practices, and technical debt management.
- Aligned engineering, product, backend, and QA teams for predictable release delivery and sprint planning across multiple concurrent projects.
- Introduced consistent engineering standards, coding guidelines, and quality gates that improved code quality and reduced production incidents by 50%.
- Facilitated cross-functional collaboration between design, backend, QA, and DevOps teams to ensure seamless product delivery.

TECHNICAL PUBLICATIONS

Author and technical writer publishing articles on mobile architecture, React Native performance optimization, and cross-platform engineering strategies. Explore all published articles on Medium: medium.com/@rushitjivani

EDUCATION, CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- **BTech, Information Technology** — Uka Tarsadia University (Aug 2016 – Nov 2019), CGPA: 8.02
- **HackerRank Verified Certifications:** REST API (Intermediate · E1C9B4E8044A), Problem Solving (Intermediate · 72AF909583D5), JavaScript (Intermediate · 5C276A1665C5), React (Basic · 258B1F994663), Problem Solving (Basic · 9672BA69DE73), JavaScript (Basic · 6ECE21492EAA)
- **LinkedIn Skill Assessment Verified Badges:** JavaScript, React.js, Node.js, PHP, Git, MySQL, MongoDB, REST API, and more.

GLOBAL AVAILABILITY & CAREER OPPORTUNITIES

- **Open to Full-Time Roles:** I'm open to full-time opportunities where I can contribute, learn and grow. If you have a good opportunity that matches my skills and experience then feel free to contact me.