

NISHANT KUMAR SINGH

TECH LEAD | REACT-NATIVE | MOBILE APP SOLUTION DESIGN & ARCHITECT

PROFESSIONAL SUMMARY

Results-driven Tech Lead - React-Native & ReactJS leveraging **15.6+ years of experience** in frontend app development. Specialization in mobile app solution design within React Native, JavaScript, React, iOS and related technologies. Aim to drive innovation and deliver scalable, secure, performance optimistic enterprise apps for Fortune 500 clients (Verizon, Wolters Kluwer, Sunrise, Lebara). Strong leadership skills, team collaboration, driving digital transformation projects, and ensuring security compliance for global clients in telecom, real estate, productivity, utility, e-Commerce and in-house enterprise domains application.

Passionate about: Problem Solving | Decision Making | AI Driven Development | Component Driven Development | Accessibility | Security-First Mindset | Code Quality | Scalability | Modularity | Reliability | Reachability | Leadership & Continuous Learning

EXPERIENCE

- Tech Lead, **Tech Mahindra Ltd**, Noida — (Dec 2016 - Present)
- iOS Tech Lead, Wildnet Technologies Pvt. Ltd, Noida — (Nov 2013 - Nov 2016)
- Software Engineer, Hytech Professionals Pvt. Ltd, Noida — (Apr 2010 - Nov 2013)

ROLES, RESPONSIBILITIES & LEADERSHIP

Project Leadership & Agile Delivery: Led end-to-end system and solution design, defined mobile app architecture, deployment strategy and CI/CD, sprint planning, demos, retrospectives, and stakeholder alignment.

Technical Strategy & Quality Assurance: Defined coding standards, performed code reviews, established governance frameworks for maintainability, scalability, performance, and security.

Team Leadership & Mentorship: Mentor and coach team members through pair programming, lead training sessions, encourage T-shaped skill development. Mentored 50+ developers.

Client Collaboration & Value Addition: Requirements analysis, risk assessments, HLD/LLD documentation, stakeholder communication to enhance customer experience and business value.

Communication & Cross-Functional Collaboration: Collaborate across Engineering, Product, QA, Backend and UX teams; delivered regular technical status updates, written documentation, and stakeholder reports to align on delivery progress and goals.

Programming & Code Quality: Designed, developed, and deployed scalable applications following industry-standard coding practices, modularity, reusability, exception handling, and performance optimization.

Security & Performance: Ensure quality control measures, security best practices, and performance optimizations to maintain robust and secure codebases.

PROJECTS

Verizon — US: Achieved 99% vulnerability remediation in web app brands across security tools.

Sunrise ID Checker — Switzerland: Award-winning digital onboarding solution, achieved high cost efficiency and great customer experience by Digitizing 36 processes (20 new, 16 existing) through ID scans, facial recognition, digital signatures.

My Sunrise & MyLebara — SWZ & UK: Built telecom self-care apps for account management and great customer experience. Built scalable logging, monitoring, and analytics systems.

Workplace Companion — *Wolters Kluwer, US*: Unified access to WK resources (Workday, Sharepoint, Chatboot, HUB etc), boost employees & partners efficiency. Integrate Azure AD (MSAL), Azure Notification HUB, APNS.

iField App & Buniyad Realtors — *In-House*: Built Salesforce SOQL communication over restful web services becomes the app backbone to interact with Salesforce seamlessly.

BlueMe — *Utility App*: 2M+ downloads in 2 weeks, #1 on app Store, feature loaded app. Bluetooth file transfer with advanced features.

 Noida, India

 +91-9958101777

 nishant.bitindia@gmail.com

 [LinkedIn](#) | [Portfolio](#)

TECHNICAL SKILLS

React Native, JavaScript, React, TypeScript, Accessibility (WCAG), Redux & RKT, Redux SAGA, Functional Components, Hooks, HOF & HOC, Suspense & Lazy-loading, REST APIs, GraphQL, Apollo Client, iOS, Swift, Objective-C, Apple Dev Account Mgmt.

KEY ACHIEVEMENTS

- ✓ 99% Security Remediation — 8,960+ vulnerability points eliminated at Verizon
- ✓ 2M+ Downloads in 2 Weeks — BlueMe app, #1 on App Store Utility
- ✓ 36 Processes Digitized — Award-winning Sunrise Digital Onboarding
- ✓ 5x Excellent Ratings — Consistent top performance at Tech Mahindra
- ✓ 50+ Developers Mentored — Team Lead for up to 12 members

SOFT SKILLS

Communication & Collaboration
Adaptability & Flexibility
Problem-Solving & Decision Making
Team Building & Mentoring
Trust, Respect & Personal Connect

CORE COMPETENCIES

Mobile Solution Design
Frontend Architecture Patterns
Security Compliance (OWASP) & Risk Management
Performance Optimization
Agile Project Delivery
Cross-Functional Collaboration
CI/CD & DevOps Integration
Client Collaboration & Stakeholder Management
Code Quality & Governance
Microservices & API Integration

AWARDS

Several Times - POB, Bravo, Star, Standing Ovation, Digital Warrior, Meritorious Mentor, iApp Innovation, Team level & Individual Awards ...
Better insights? Please visit the [LinkedIn](#) profile Honors & Awards section.

EDUCATION - B.Tech, IT - (UPTU)

MOBILE SECURITY EXPERTISE

FRAUD DETECTION & PREVENTION

- Root/Jailbreak Detection (iOS & Android) • Magisk Detection • Frida Hook Detection • Runtime Application Self-Protection (RASP)

NETWORK & CODE SECURITY

- SSL/Certificate Pinning (MITM Prevention) • Code Obfuscation • Screenshot Prevention • Secure Storage • JWT Token Management • Integrity Verification & Code Signing

COMPLIANCE & STANDARDS

- OWASP MASVS Compliance • GDPR Implementation • Cyber Security Dashboard (CSD) Monitoring

Type	Security Tools
SAST	Fortify, Semgrep, Snyk Code
SCA	BlackDuck, OWASP Dependency-Check
DAST	OWASP ZAP
Manual	Penetration Testing (Manual + Automated)

ACHIEVEMENT: 99% Vulnerability Remediation at Verizon — 8,960+ Points Eliminated

ANALYTICS & MONITORING

- Crash Reporting: Bugsnag, Instabug, Firebase Crashlytics
- Analytics: Adobe Analytics, Google Analytics
- Legacy: HockeyApp, AppCenter, Flurry
- Centralized logging architecture implementation

AZURE & CLOUD INTEGRATION

- Azure AD Authentication (MSAL)
- Azure Push Notifications Hub
- Azure DevOps CI/CD Pipelines
- MS Intune App SDK Integr. for Mobile App Management

ACCESSIBILITY (ADA & WCAG)

- Strategic accessibility framework implementation
- Screen Reader: VoiceOver (iOS), TalkBack (Android)
- WCAG ADA compliance for enterprise apps
- Accessible component library development

ARCHITECTURE & PATTERNS

- MVC, MVVM, Clean Architecture
- Component-Driven Development (CDD)
- Container-based, Modular Design
- Redux, Redux Saga ...

AUTHENTICATION

- OAuth 2.0, MFA, Biometrics
- Azure AD, MSAL, JWT
- Google/Apple/Facebook Social Login
- Certificate-Based Authentication

PAYMENTS & INTEGRATIONS

- Payments: Adyen, PayPal, Stripe, Authorize.net
- CRM: Salesforce (SOQL over REST)
- CMS: AEM Integration
- APIs: GraphQL, Apollo, REST, SOAP

APPLE DEVELOPER ACCOUNT MANAGEMENT

Certificate & Profile Management | TestFlight Distribution | App Store Release Management | APNS Configuration

LEADERSHIP IMPACT

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- Led teams of up to **12 members**
 - Mentored **50+ developers**
 - Cross-functional collaboration across Engineering, Product, QA, UX, Stakeholders & Leadership Connect