

# 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. Proven track record of driving innovation and delivering 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) (9+ Years)
- 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.

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

## TECHNICAL SKILLS

React Native, JavaScript, React, TypeScript, Accessibility (WCAG), Redux & RTK, 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), 2008

## 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