

ABHINAV SHINDU

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PROFESSIONAL SUMMARY

Full-stack engineer with 8 years of experience, specializing in React Native mobile apps backed by Node.js/AWS services. Hands-on with native module bridging (Java/Kotlin, Swift/Objective-C) and the New Architecture (Turbo Modules, JSI), with a strong focus on app performance (Hermes, list virtualization) and end-to-end release ownership. Currently leading a 6-person team at Amdocs building a telecom app with physical SIM and eSIM management. Comfortable owning a feature end-to-end - from React Native UI and state management down to native modules, Node.js APIs, and AWS infrastructure.

TECHNICAL SKILLS

Mobile: React Native, Native Modules & Bridging (Java/Kotlin, Swift/Objective-C), Turbo Modules, JSI, Hermes, Redux Toolkit, Context API, Metro Bundler, Fastlane, Detox, Firebase Analytics, Push Notifications (FCM/APNs), Deep Linking, App Store & Play Store Release Management, Microsoft Intune App Wrapping/SDK, Mobile Application Management, App Protection Policies

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3

Backend & Cloud: Node.js, Express, AWS (Lambda, S3, CloudFront, EC2, API Gateway), REST, GraphQL, SQL, Docker, Messaging & Asynchronous Communication Patterns

Security: Encrypted Storage, SSL Pinning, HTTPS-Only Communication, Certificate Handling, Secure Configuration Management

Identity & Authentication: Microsoft Identity Platform, MSAL, OAuth 2.0, OpenID Connect, JWT, Scopes & Claims, Role-Based Access Control

Tooling: Git, CI/CD, GitHub Actions, Jenkins, Jest, React Native Testing Library, xUnit, NUnit, Sentry

PROFESSIONAL EXPERIENCE

Team Lead – Full Stack & Mobile, *Amdocs* Gurugram, India | May 2025 – Present

- Lead a team of 6 engineers building a telecommunications app that handles both physical SIM and eSIM management flows, including native module bridging (Kotlin/Swift) for carrier-level SIM APIs not exposed by React Native out of the box.
- Work directly with stakeholders in the US and EMEA to plan architecture changes, including database and caching adjustments that reduced average API response times.
- Own sprint planning, code review, and delivery timelines for the team.

Senior Software Engineer, *Amdocs* Gurugram, India | Feb 2024 – May 2025

- Built core features for an OTT streaming app, including the React Native front end and integration with backend content and subscription services; optimized long content lists with FlatList virtualization (windowing, getItemLayout) and enabled Hermes to cut JS bundle parse time and improve cold-start performance.
- Built an over-the-air update pipeline for the team's React Native apps using AWS S3, CloudFront, and Lambda, pushing bug fixes and small updates live within about 2 hours instead of going through the full Apple/Google app review process.
- Set up crash and ANR monitoring using Sentry with custom source-map mapping, making it noticeably faster to trace production issues back to the offending commit.

Senior Software Engineer, *Capgemini* Gurugram, India | 2022 – 2024

- Worked on a mutual funds investment app for ICICI Prudential, migrating the legacy React Native codebase to strict TypeScript and catching a significant share of bugs at compile time.
- Built features for a Manipal Cigna insurance app, working across React Native screens for policy and claims flows and the supporting Node.js APIs, including deep linking so push notifications and emails opened directly into the relevant claim screen.
- Owned end-to-end App Store and Play Store release management, setting up CI/CD pipelines with Jenkins and Fastlane for automated builds, code signing, and staging releases, replacing a mostly manual process.

- Mentored 4 junior engineers through regular code reviews and pairing sessions.
- Reduced app bundle size through lazy-loading and tree-shaking, improving cold-start time on lower-end Android devices.

Software Engineer, *InnovationM* *Noida, India* | 2019 – 2022

- Built a coworking space management app covering bookings, member management, and space availability.
- Worked on a photo editing app and a branding app, both shipped to the Google Play Store and Apple App Store, including push notification integration (FCM/APNs) for user engagement.
- Contributed to the Emaar The Dubai Mall app, building customer-facing features for a large retail client.
- Built offline-first data layers with SQLite and AsyncStorage so the apps stayed usable with poor connectivity.
- Added WebSocket-based real-time sync alongside the existing REST layer for features that needed live updates.

Software Engineer, *Flute Software* *Noida, India* | 2018 – 2019

- Built an ERP portal application, developing reusable UI components in React and React Native.
- Worked closely with product and design to implement interaction flows for new features.

EDUCATION

Master of Computer Applications (MCA) 2018

Bachelor of Computer Applications (BCA) 2016