SUBASHMANIAN B

SENIOR MOBILE DEVELOPER | REACT NATIVE | FLUTTER | iOS | ANDROID

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PROFESSIONAL SUMMARY

Senior Mobile Engineer with 8+ years building production-grade iOS and Android applications across enterprise and government domains. Expert in React Native and Flutter with hands-on ownership of architecture, CI/CD pipelines and App Store/Play Store releases. Proven leader with experience scaling apps to millions of users and integrating complex device capabilities including biometrics, GPS, offline-sync and SSO.

TECHNICAL SKILLS

Mobile Frameworks	React Native, Flutter, iOS, Android, Cross-Platform Development
Languages	JavaScript (ES6), TypeScript, Dart, Swift, Kotlin, Java, Python
Web & Backend	React.js, Node.js, REST APIs, GraphQL
State Management	Redux, BLoC
Databases & Cloud	MySQL, PostgreSQL, SQL, Firebase, AWS Amplify, AppSync, DataStore
Version Control	Git, GitHub, SVN
CI/CD & DevOps	Fastlane, Jenkins, SonarQube, Git Action
Monitoring & Testing	Sentry, Firebase Crashlytics, Jest, Unit & Regression Testing
Security & Auth	UIDAI Aadhaar SDK, SSO (Microsoft + AWS), Biometrics
Practices	Mobile App Architecture, Offline-First Design, Staged Rollouts, Agile

WORK EXPERIENCE

Senior Developer - Wipro, Chennai, India | Mar 2023 – Present

- Led mobile development for a large-scale government application serving **1.4+ million** employees and pensioners, delivering 20+ role-based functional modules.
- Digitized annual mustering for **700,000+** pensioners using UIDAI Aadhaar authentication, reducing verification time from 1 days to 10 minutes.
- Increased Jest test coverage to 55% across pay statement and financial reporting modules, contributing to five consecutive releases with fewer production defects and regression bugs.
- Managed staged rollouts, security reviews, and compliance cycles in collaboration with government stakeholders.

Mobile Developer - Prometheus Group, Bangalore, India | Sep 2021 – Feb 2023

- Built an offline-first enterprise app using AWS Datastore and AppSync store-and-sync architecture for industrial field operations without connectivity.
- Implemented geo-based filtration and navigation and multilingual support (EN, ES, ZH) enabling global deployment across the US, Spain, and China.
- Integrated company SSO (Microsoft + AWS) and designed platform-adaptive UI for iOS and Android from a single cross-platform codebase.

Software Engineer - Optisol Business Solutions, Chennai, India | Dec 2018 – Sep 2021

- Led a team of 4 developers and delivered 6 client applications across Flutter and React Native with Redux + BLoC architecture.
- Integrated GPS, Barcode Scanner, Document Scanner, PDF generation, real-time Chat, and Firebase Push Notifications across multiple B2C apps.
- Set up Sentry, Crashlytics, Fastlane, and CI/CD pipelines from scratch; reduced build times by 60% and contributed to open-source Flutter packages.

FEATURED PROJECTS

Kalanjiyam - TN Govt. Employee & Pension App | React Native | Redux | UIDAI SDK | Fastlane | Jest

- React Native app for Tamil Nadu Government employees and pensioners, serving 1.4+ million users, with UIDAI Aadhaar authentication. Published on Play Store / App Store with a 4.4 rating.

Savordex - Food Discovery Platform | React Native | Redux | Geo Location SDK | Firebase

- Location-based food discovery app with maps, geolocation, multimedia content and restaurant/dish reviews, built in React Native. Live on Play Store / App Store.

CERTIFICATIONS

- Google GenAI - Google Course, Nov 2023
- Python - Udemy, Feb 2021

PUBLICATIONS / BLOGS

- Flutter vs React Native - Technical comparison article - fluttervsreactnative-performance.blogspot.com
- React Native vs Expo - Architecture deep-dive - medium.com/@maniansubash
- Developer Growth in AI Era - medium.com/@maniansubash

EDUCATION

Bachelor of Engineering - Computer Science & Engineering | PSR Engineering College, Sivakasi | CGPA: 7.6 / 10 | Aug 2014 – Apr 2018

- Final Year Project: Android app for campus communication networks