Edmir Soares

Mobile Developer | React Native | Flutter | iOS and Android

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Summary

Mobile Developer with 3+ years of experience in React Native, Expo and TypeScript, plus Flutter and Dart, building iOS and Android apps for banking, urban operations and global event platforms. Experienced in mobile performance optimization (FlashList, UI thread animations, cold start around 2s), native Android and iOS integration, offline first architecture with encrypted local storage, real time features with WebSockets, push notifications (FCM, APNs) and mobile CI/CD with EAS Build, EAS Submit and Expo Updates (channels, rollbacks, staged rollouts). Proficient in automated testing with Jest and React Native Testing Library, Clean Architecture and SOLID. Background in UI/UX and accessibility. Open to remote opportunities.

Experience

React Native Developer | Product Team **Jun 2026 – Present**
InEvent *Remote*

- Develop and maintain the InEvent mobile app for iOS and Android using React Native, Expo and TypeScript, shipping releases to the Apple App Store and Google Play Store
- Keep the app at 60 FPS by running animations and micro-interactions on the UI thread, leaving the JS thread free for business logic, with cold start around 2 seconds
- Virtualized all lists with FlashList and used skeleton loading states for perceived performance
- Implemented push notifications with Firebase Cloud Messaging (FCM) and Apple Push Notification service (APNs)
- Write unit and UI tests with Jest and React Native Testing Library, enforced by Husky pre-commit hooks, and use AI agents to support test creation and execution
- Apply SecureStore for sensitive data and single-use incognito WebViews with scoped token injection to prevent token leakage or retention

Mobile Developer (Mid-Level) **May 2025 – May 2026**
Pop Tech *Remote*

- Developed and maintained multiple React Native apps (Expo and TypeScript) for urban operations, field inspections and citizen services in low connectivity environments
- Implemented offline first architecture with SQLite and Drizzle ORM, encrypting sensitive local data with minimal processing overhead and synchronizing critical field data securely
- Reduced location processing time from about 3 seconds to under 1 second by pre-warming the location engine before users reached capture screens, speeding up field team workflows
- Built mobile CI/CD pipelines using EAS Build, EAS Submit and Expo Updates, with update channels, rollbacks and staged rollouts to limited user groups before full release
- Integrated native device features (camera, GPS, background tasks) for reliable georeferenced data capture in real time
- Worked with the Node.js and NestJS backend team to diagnose REST API integration issues and resolve production incidents

React Native Mobile Developer | Freelance **Dec 2025 – May 2026**
Ketchme *Remote*

- Owned the full mobile app lifecycle with React Native, Expo and TypeScript, from architecture to App Store and Google Play delivery
- Integrated a Unity project into the React Native app with native Android and iOS code, resolving render layer conflicts between Unity and React Native and improving local builds
- Cut Unity startup on low and mid-range Android devices from over 3 minutes to near instant, and raised performance from under 20 FPS to over 30 FPS, through on-demand loading driven by the React Native to Unity bridge I built
- Replaced the React Native Modal with a custom overlay system to stop it from pausing the Unity render, and added an idle suspension mode that keeps Unity content loading instantly
- Kept the app at 60 FPS with UI thread animations and FlashList virtualized lists with skeleton loading
- Developed the in-app real time chat with WebSockets and Socket.IO, and push notifications with Expo Notifications
- Wrote unit and UI tests with Jest and React Native Testing Library with Husky pre-commit hooks, and managed dev, staging and production builds with EAS Build and EAS Submit

Mobile and Front-End Developer | Fintech **Sep 2023 – Mar 2025**
Atos Capital *Aracaju, SE*

- Developed features and full modules for React Native mobile apps and React.js web portals in the banking sector, covering payments, boleto issuance and bank reconciliation
- Integrated payment and banking REST APIs and implemented secure authentication (JWT) in a regulated financial environment

- Led the redesign of 3 main products using Nielsen heuristic evaluation, HCD flow mapping and information architecture
- Applied design tokens, componentization, Material Design and Apple Human Interface Guidelines, ensuring cross platform consistency and WCAG 2.1 compliance

Teaching Assistant | Web Development **Mar 2025 – Nov 2025**
Estácio *Aracaju, SE*

- Taught JavaScript, React.js and mobile fundamentals, ran code reviews and delivered workshops on Clean Architecture and offline first React Native

Graphic Designer **Jul 2019 – Aug 2023**
Atos Capital *Aracaju, SE*

Relevant Projects

TradeFlow | Full-Stack Bitcoin Trading Simulator
github.com/EdmirSoares/monorepo-tradeflow *Monorepo*

- React Native (Expo) app with a Laravel 11 REST API, double-spend prevention with Redis locks and PostgreSQL row locking inside transactions, and financial precision with DECIMAL(20,8)

Clody | Weather App with Claymorphism and Accessibility
github.com/EdmirSoares/clody-app *Mobile*

- Weather app with Skia claymorphism design, SQLite persisted history, Zustand and TanStack Query, and full native accessibility (accessibilityRole, Label and Hint) on all interactive elements

IoT Device Control | Real Time Flutter App
Flutter and Dart *Mobile*

- Flutter app for remote control of IoT devices using MQTT over WebSockets, with a command and confirmation flow handled by BLoC and Clean Architecture with feature based modules

Publications

Microfrontend: A Survey on Industry Practices **2026**
ICEIS 2026, 28th International Conference on Enterprise Information Systems (co-author) *Benidorm, Spain*

Usability in Software for People with Disabilities: Systematic Mapping **2025**
ICEIS 2025, 27th International Conference on Enterprise Information Systems (co-author) *Porto, Portugal*

Education

Specialization in Data Science and Artificial Intelligence **2026**
Anhanguera Educacional *Brazil*

Associate Degree in Systems Analysis and Development **2024 – 2026**
Estácio *Aracaju, SE. Brazil*

Bachelor's Degree in Graphic Design **2014 – 2017**
Universidade Tiradentes (Unit) *Aracaju, SE. Brazil*

Skills

Mobile: React Native, Expo, Flutter, Dart, TypeScript, JavaScript (ES6+), iOS, Android
Testing and Quality: Jest, React Native Testing Library, Husky, unit and UI testing, AI-assisted testing
Performance and Native: FlashList, UI thread animations, native Android and iOS code, FCM and APNs
State and Data: Zustand, Redux, TanStack Query, BLoC, Context API, SQLite, Drizzle ORM, MMKV
Tools and Platforms: EAS Build, EAS Submit, Expo Updates, GitHub Actions, CI/CD, Git, Docker, Figma
Architecture: Clean Architecture, SOLID, Feature Based, Offline First, Modularization, REST APIs, WebSockets
Security: SecureStore, encrypted local storage, JWT, secure WebViews
Backend: Node.js, NestJS, PostgreSQL
Languages: Portuguese (native), English (advanced).

Field of expertise

- React Native
- Flutter
- TypeScript
- Mobile Performance
- Native Integration
- Automated Testing
- Offline First
- CI/CD
- WebSockets
- Unity Integration
- Mobile Security
- Accessibility