

Alexander Zakalsky

Senior Mobile Engineer — React Native

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SUMMARY

React Native engineer with seven years across medical devices, healthcare and fintech. Currently lead mobile engineer at AION Biosystems on an FDA-cleared, HIPAA-compliant wearable, owning the iOS and Android app end to end, including native BLE and background modules in Swift and Kotlin. Earlier: sole engineer on a GDPR-compliant healthcare app from zero to the App Store, and wallet features on Socios at Chiliz with 2M+ registered users. Based in Uruguay with full US business-hours overlap, contracting through a Uruguayan sole proprietorship, W-8BEN on file.

PROFESSIONAL EXPERIENCE

AION Biosystems

Lead Mobile Engineer

Dec 2025 - Present

Remote, USA

FDA-cleared skin-worn sensor tracking body temperature continuously for up to 60 days, used by oncology patients between chemotherapy visits. Compliance-critical: a missed reading is a clinical event.

- Own iOS and Android end to end: BLE pairing, reading pipeline, threshold alerts, care-team sharing, store releases; offline-first sync on WatermelonDB with native BLE and background modules, holding readings through hours without signal
- Integrated blood-pressure and SpO2 monitors plus a Moko BLE gateway; live on both stores: Google Play [us.aion.biosystems](#), App Store [id1605962988](#)

Social Discovery Group

Senior React Native Developer

Jan 2024 - Dec 2025

Remote, Cyprus

- Cut screen-load time 70 percent and held production crash rate at 0.1 percent across a monorepo of 10+ applications, bridging native iOS and Android modules for biometrics, BLE and camera access

Chiliz

Senior React Native Developer, Contract

Aug 2023 - Dec 2023

Remote, Malta

- Delivered wallet and fan-token features on Socios.com, contributing to a 2M+ registered user base, and drove MVP completion with the highest velocity across all teams; live on Google Play as [com.socios](#) with 1M+ downloads

ClinicSoftware

React Native Developer, Full-Stack

Dec 2021 - Jul 2023

Remote, Romania

- Took the app from zero to MVP as sole engineer; designed the GDPR-compliant data layer on Node.js, Express and PostgreSQL with JWT, OAuth 2.0 and encrypted storage
- Built identity verification through the device camera with OCR and a third-party KYC provider

Earlier

Complex Cloud Solutions, Full-Stack Developer, May 2021 - Dec 2021, Remote, Turkey: point-of-sale integrations (iiko, R-Keeper) on Node.js and PostgreSQL. **Tiande**, React Native Developer, Sep 2019 - May 2021, Remote, Czechia: e-commerce app rewrite, 100K+ installs, live on App Store [id1248325926](#) and Google Play [com.tiandeapp](#).

TECHNICAL SKILLS

Mobile React Native (New Architecture: Fabric, TurboModules, JSI, Hermes), Expo, EAS, native modules in Swift and Kotlin, BLE, biometrics, background execution, MMKV encrypted storage, FCM and APNs, CodePush

Regulated, full-stack, delivery HIPAA and GDPR compliance, KYC and OCR pipelines, encrypted storage and transport, OWASP Mobile Top 10, offline-first sync with conflict handling · TypeScript, Node.js, Express, NestJS, REST and GraphQL, PostgreSQL, MongoDB, Redis, OAuth 2.0 · Fastlane, GitHub Actions, Jest, Detox, Sentry

EDUCATION, CERTIFICATIONS, LANGUAGES

Finance University, Moscow — Associate's Degree, Computer Science, Sep 2016 - Jun 2020

React Native — Meta, on Coursera, Aug 2023 · coursera.org/verify/8EU2LQ7LNN74

English (Full Professional) · Spanish (Professional Working) · German (Limited Working)