

Bogdan Umaniuk

Senior Mobile Developer — React Native / Android

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Based in Bucharest & Chişinău | EU (Romanian) & Moldovan citizen | Open to remote & relocation

SUMMARY

Senior mobile engineer with ~7 years in React Native and native Android, focused on fintech and crypto: trading, wallets, real-time market data and secure native modules. I own features end to end, from architecture to store release, in international teams and solo.

EXPERIENCE

Senior React Native / Android Developer · NDA — crypto exchange Nov 2025 – Present

React Native (TypeScript, Expo, FSD)

- Built the wallet module: spot / futures accounts, asset lists with search, filters, balance hiding and fiat totals.
- Designed a unified flow engine for deposits, withdrawals and transfers: currency and network selection, amount validation with exchange rounding rules, limit checks, confirmation and cancellation steps.
- Covered money-critical logic (rounding, operation state machine) with unit tests and wallet flows with Maestro E2E.
- Structured the module with Feature-Sliced Design in a bun/turbo monorepo — domain models and API layer shared with the web client — on typed expo-router routes with dynamic deep links.

Android Native (Kotlin, Jetpack Compose, Kotlin Multiplatform)

- Shipped 7 feature modules (trade, wallet, market, futures, P2P, auth, shell) on a KMP core shared with iOS.
- Built a real-time spot trading terminal: order book, trade feed and candlestick charts over WebSocket streams.
- Wrote an in-house charting library (renderer + data layer) matching iOS 1:1: indicators, animated panes.
- Designed a reusable design system (sheets, tabs, toasts, search), removing UI duplication across modules.
- Delivered full localization, deep-link routing and KYC provider integrations (Sumsb, Neurovision).

Senior React Native Developer · Clique Wealth Management — fintech Jul 2023 – Nov 2025

- Designed the app architecture with Feature-Sliced Design, simplifying product scaling.
- Built secure Native Modules (Android Keystore, BiometricPrompt) compliant with financial security standards.
- Reduced crash rate by 25% and cut app launch time and memory usage by 30%.
- Delivered 10+ major features from architecture to production; built reusable UI components and custom hooks.
- Worked in a distributed international team (20+ engineers, designers, QA), contributing to CI/CD and release automation.

React Native Developer · Aura Glide — consumer IoT Mar 2022 – Jun 2023

- Built an app that controls the Aura Glide massager over Bluetooth Low Energy with real-time device interaction.
- Implemented BLE connection logic for stable pairing and reliable communication; React Native + TypeScript UI.
- Covered UI and business logic with automated tests (Jest, Detox, Maestro) for stable releases.

React Native Developer · XAIRO Jan 2020 – Feb 2022

- Built 4 apps from scratch with React Native + TypeScript, from architecture to release, reaching 10,000+ daily active users.
- Integrated external APIs; implemented MobX state management and optimized rendering, reducing UI lag by 38%.

SKILLS, LANGUAGES & EDUCATION

Mobile	React Native, TypeScript, JavaScript, Expo, React Navigation / expo-router, Reanimated, Native Modules, Turbo Modules, BLE
State & data	Redux Toolkit, MobX, Zustand, Context API, GraphQL / Apollo, REST, WebSocket
Native	Kotlin, Jetpack Compose, Kotlin Multiplatform, Android SDK, Android Keystore, BiometricPrompt
Quality & tools	Jest, Detox, Maestro, CI/CD, Git, Docker, Firebase, AppsFlyer, Feature-Sliced Design, monorepo (bun / turbo)
Languages	Romanian, Russian — native; English — B2 (Upper-Intermediate)
Education	Moldova State University, Faculty of Mathematics and Computer Science, 2022