

Tornike Kalandadze

Senior Mobile Engineer

React Native · Expo · Android · Native integrations

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SIGNED ANDROID RELEASE

0.0000 ms

MEASURED AUDIO DEVIATION

2

CLIENT MOBILE PRODUCTS

01 PROFILE

Mobile engineer focused on the parts that make an app feel native: timing, permissions, background behavior, media, maps, notifications, resilient state, and clear fallbacks. I have delivered client mobile products, a signed Android voice-assistant release, and a sample-accurate cross-platform audio engine.

02 EXPERIENCE

Mobile & Product Engineer

Independent client work

- Built client mobile products including Mia, an installable Georgian voice assistant, and Parkingio, a map-first parking finder with a complete discovery-to-routing journey.
- Own device-sensitive work end to end: permissions, background behavior, native notifications, local state, media playback, maps, fallbacks, release packaging, and responsive web companions.

2019–Present

React Native, Expo, Android, responsive products

Lead Engineer & Product Partner

Shansi

- Engineered a mobile-first, bilingual loyalty product spanning QR cashback, five games, mystery boxes, referrals, leaderboards, and real-time village raids.
- Connected the consumer journey to separate merchant and operator surfaces while the partnership completes banking approval.

Jun 2026–Present

Publicly launched · built nearly solo

Lead Developer & Partner

AI Academy

- Lead delivery of a responsive Georgian/English learning platform so the storefront, lessons, quizzes, tutor, and daily review flow work across phone and desktop.
- Coordinate architecture, implementation, review, and deployment through launch and the current advertising rollout.

Apr 2026–Present

Four-person product team

04 OPERATING STRENGTHS

- Design device behavior, not just mobile-sized screens.
- Keep cloud/native boundaries explicit and failure paths usable.
- Measure timing and performance instead of relying on visual demos.

05 TECHNICAL SKILLS

MOBILE

React Native · Expo · Expo Router · Android · Kotlin · Jetpack Compose

DEVICE APIS

Notifee · Background services · Maps & location · Audio · Haptics · Permissions

UI & STATE

TypeScript · Zustand · Reducers · Reanimated · Skia · React Native Paper

DELIVERY

Signed APKs · Responsive web export · Sentry · Docker APIs · Fallback design

06 EDUCATION & CREDENTIALS

IT STEP ACADEMY · 2016–2018

Software-development studies with course certificates in PHP, HTML/CSS, JavaScript, databases, and C#.

07 LANGUAGES

Georgian — native · English — C1 · Russian — B1/B2

03 SELECTED ENGINEERING WORK

Mia

Client work · Android voice assistant

github.com/stariik/voice-ai

Georgian-first assistant with on-device wake word, hands-free follow-up, native alarms/timers, interpretation, and streaming speech.

- Shipped as a signed v1.1.0 APK with a production API host and five current device captures.
- Wake-word inference remains local; foreground speech streams quickly while background playback uses a complete-file fallback.

React Native · Notifee · ONNX · Reanimated · SSE

TTAB

Independent cross-platform app

github.com/stariik/TTAB

Offline metronome that schedules against the audio hardware clock instead of unreliable JavaScript timers.

- Timing tests: 0.0000 ms interval deviation offline; 0 late/skipped clicks across 300 stressed desktop and 800+ real-iPhone clicks.
- Runs from one Expo codebase in Expo Go and on the web, with Skia visuals and audio-clock-anchored haptics.

Expo · React Native · Web Audio · Skia · Reanimated

Worldwide remote · employment, contract, or freelance

Portfolio evidence and source code available through the links above.