

DMITRY GUZERCHUK

Full-Stack Engineer • React & React Native • TypeScript • Next.js • Node.js • AI Agents

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SUMMARY

Full-stack engineer with 5 years shipping consumer products from database schema to store release — React Native on mobile, Next.js and React on web, Node.js and PostgreSQL behind both. Has carried apps through the full lifecycle across fintech, affiliate marketing, real-money gaming and AI-driven wellness: architecture, subscription billing, performance work, CI/CD and App Store review. The last two years went into production AI — Claude API, MCP servers and multi-step agent pipelines running inside live user-facing features, not prototypes — together with the mobile and web clients that consume them.

Web and mobile from one codebase — React / TypeScript on web, React Native on iOS and Android, shared logic and component libraries across clients

Performance and release discipline — 45% faster cold start, 28% lower crash rate, CI/CD through to App Store and Google Play

Payments and high-stakes flows — fintech transactions, deposits and withdrawals, subscription billing, entitlement sync, verification onboarding

AI in production — Claude API, MCP servers, agent pipelines, voice cloning and TTS integration

EXPERIENCE

Devscribed — React Native & Full-Stack Engineer

Oct 2024 – Jun 2026

Remote. Two consumer subscription products, owned across mobile, web, backend and the AI layer.

Superconscious — personal-development app that clones the user's voice and generates personalised audio sessions from it. Built the React Native app, the Next.js web platform and the Claude-powered generation pipeline feeding voice synthesis.

Forma Pilates — subscription video platform for a boutique pilates studio. Built the class player and offline playback, the subscription billing across store and web, and the acquisition funnel.

Mobile — React Native, TypeScript

- Owned both apps end to end: architecture, feature delivery, store submissions and post-release monitoring, with first-pass App Store approvals.
- Cut cold start by **45%** and crash rate by **28%** — lazy-loaded routes, deferred SDK initialisation, Hermes migration, and fixing the highest-volume Sentry issues.
- Built the media layer for both products: background and offline-cached audio playback, resumable video class player, and gesture-driven UI with Reanimated 3 and Lottie.

Web — Next.js, React

- Shipped the Next.js web platform for both products: landing funnels, subscription checkout and authenticated account areas, with SSR / ISR on SEO-critical routes.
- Built the internal admin dashboard in React for managing programs, classes and generated content; shared TypeScript types and API client between web and mobile.
- Structured client state along clear boundaries: server state in TanStack Query, UI state in Zustand, and Zod validating API responses and form payloads at runtime.
- Improved Core Web Vitals, instrumented the acquisition funnel in Mixpanel and ran paywall and onboarding A/B tests.

Backend & Payments — Node.js, PostgreSQL

- Designed the REST API contracts consumed by mobile and web, owning payload shape, versioning and error semantics.
- Built subscription billing end to end: in-app purchases and web checkout, receipt validation, entitlement sync across platforms, trials, renewals and cancellation edge cases, with webhook handling for lifecycle events.
- Wrote Node.js / Express endpoints and the PostgreSQL schema, queries and migrations behind content delivery, user progress and entitlement checks.
- Covered payment-adjacent logic and shared utilities with unit tests (Jest, React Native Testing Library).

AI & Agents

- Built the Claude-powered pipeline generating personalised session scripts per user, feeding straight into voice cloning and TTS delivery with queueing and failure recovery.
- Built MCP servers exposing internal APIs as tools, plus multi-step agent workflows with retries, output validation and cost limits; cut inference cost through prompt caching, model routing and batching.

Stack: React Native, TypeScript, Next.js, React, Node.js, Express, PostgreSQL, Claude API, MCP, RevenueCat, Redux Toolkit, Reanimated 3, Firebase, Codemagic, Mixpanel, Sentry

Performance Lab — React Native & Web Developer

Jun 2023 – Aug 2024

Remote. Client mobile and web projects delivered from specification to store release.

- Shipped **7** React Native applications to the App Store and Google Play across utilities, entertainment and real-money gaming, several of them built from scratch.
- On a real-money gaming product: built deposit and withdrawal flows, payment provider integration, verification onboarding, and animation-heavy interfaces holding 60 fps on mid-tier devices.
- Built React (Vite) and Next.js web front-ends — landing pages, promo funnels and admin panels — with TanStack Query for server state, SSR for SEO and a shared component library reused across client projects.
- Integrated attribution and analytics SDKs (AppsFlyer, Facebook SDK, Sentry), designed the campaign event schema, and agreed REST API contracts with backend teams.

Stack: React Native, TypeScript, React, Next.js, Redux, Node.js, MongoDB, three.js, Reanimated, AppsFlyer, Sentry

Ethnamed — React Native & Frontend Engineer

Jun 2022 – Jun 2023

Remote. Fintech mobile app, plus affiliate-marketing platform work across mobile and web.

- Built a fintech mobile app focused on secure transactions: transfers, card management, confirmation flows and biometric / PIN authentication.
- Built cross-platform mobile applications for tracking offers and user acquisition flows on an affiliate-marketing platform.
- Developed 6 React web interfaces — affiliate dashboards and landing pages — used to manage offers and monitor conversions.
- Integrated tracking SDKs and REST APIs across mobile and web; worked with the backend team on Node.js endpoints for postbacks and offer sync, and contributed to CI/CD setup.

Stack: React Native, React, TypeScript, Redux, Node.js, REST API, Axios, Firebase, React Navigation

Coral Team — React JS Engineer

May 2021 – May 2022

React and React Native across multiple mobile and web products.

- Built and maintained interfaces across 4 mobile and web products, contributing reusable components adopted by the rest of the team.
- Developed Salesforce Lightning Web Components for internal business tooling used by non-technical teams.
- Integrated REST APIs and third-party SDKs across both platforms; took part in code review and shipped releases through Google Play.

Stack: React, React Native, JavaScript, Redux, Salesforce LWC, REST API, Firebase

SKILLS

Mobile	React Native, Expo, React Navigation, Reanimated 3, Gesture Handler, Lottie, Skia, Native Modules, Hermes, New Architecture (Fabric / JSI), App Store & Google Play release management
Web	Next.js (App Router, SSR / ISR), React, Vite, TypeScript, JavaScript (ES6+), Core Web Vitals, Salesforce LWC
Backend & Payments	Node.js, Express, PostgreSQL, MongoDB, REST API design, webhooks, schema design & migrations, in-app purchases, RevenueCat, subscription billing
AI & Agents	Claude API, OpenAI API, MCP servers, tool-use pipelines, agentic workflows, prompt engineering, voice cloning / TTS integration
State & Data	TanStack Query, RTK Query, Zustand, Redux Toolkit, Zod (runtime validation), Context API, MMKV
Performance	FlashList, list virtualisation, re-render control, bundle optimisation, lazy loading, React Profiler, Flipper, Lighthouse
CI/CD & Analytics	Codemagic, GitHub Actions, Fastlane, App Store & Google Play publishing, Mixpanel, Firebase, AppsFlyer, Sentry, A/B testing
Testing	Jest, React Native Testing Library, unit tests for critical paths
Tools	Git, Jira, ESLint, Prettier, Figma, Cursor, Claude Code, Codex

LANGUAGES

English	B2 — upper-intermediate. Technical documentation, code review and day-to-day communication in distributed teams.
Russian	Native

EDUCATION

BSc, Informatics and Programming Technologies

Sep 2020 – Jun 2024

Belarusian State University of Informatics and Radioelectronics