Nick Doherty

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Summary

Product-focused, frontend-leaning full-stack engineer skilled in React/Next.js, RN/Expo, and Node.js; effective in 0 to 1 teams and balances speed with reliability.

Skills

Frontend: React, Next.js, TypeScript, Apollo Client • **Mobile:** React Native, Expo (EAS/TestFlight), Metro • **Backend:** Node.js/Express, GraphQL, REST, PostgreSQL • **Data/Queues:** Redis, BullMQ • **Infra/CI:** Cloudflare, AWS S3, GitHub Actions (CI/CD)

Experience

Switchback Digital Studios - Freelance Software Engineer · Denver, CO · **Oct 2024 - Present**
Clients: Telescope, Fluidkey

Telescope - Subscription-based curation platform · *(Next.js, Express, GraphQL)*
- Sole engineer delivering the MVP end to end: SSR Next.js app with a dedicated Express backend, typed PostgreSQL schema, and GraphQL API.
- Integrated Stripe with platform subscriptions that gate access/usage (plan-based limits) and payouts for a curator revenue-share program.
- Built BullMQ + Redis job processor for feed generation, cache warming, and scheduled email digests for user re-engagement.
- Set up environments and Cloudflare caching to maintain a **~91% cache hit ratio on static content** (requests, last 30 days); supported **~2,000** verified waitlist signups pre-beta.

Fluidkey - Web to mobile cross-platform port · *(React Native, Expo, Metro)*
- Ported a production web app to a single Expo repo targeting web/iOS/Android in ~12 weeks with near-feature parity.
- Overhauled authentication: added a device-held key model using secure storage (iOS Keychain w/ iCloud, Android Keystore w/ Drive) while maintaining backward-compatible auth flows; built a platform-aware authentication flow via Metro platform extension resolution to load the correct provider per target and avoid bundle/runtime conflicts.
- Set up initial EAS build profiles and TestFlight; established cross-platform routing/UI patterns; delivered pre app store builds.

Kiosk (formerly Mirror) - Software Engineer · Remote · **May 2023 – Sep 2024**
- Shipped a modal checkout for tokenized content plus a multi-currency rewards system, powering **~1M successful checkouts** and distributing **>$150k** (as of Sep 2024).
- Rebuilt the wallet-based auth/session architecture, eliminating flaky reconnects and reducing auth-related issues across the web app (migrated off ethers.js to viem/wagmi; simplified provider integration).
- Researched and prototyped a cross-chain token swap with an embedded wallet plus an in-feed subscribe action (Farcaster frame), delivering working POCs and de-risking roadmap decisions.
- Co-built a React Native/Expo app with a Node/Express backend; delivered to **500+** testers via TestFlight.

Greenwood Labs - Software Engineer · New York, NY · **Feb 2022 – Apr 2023**
- Designed & developed a mobile-first interface for a fundraising vault protocol; first vault raised **$50,000**.
- Set up GitHub Actions CI/CD for automated deployments to IPFS and repo backups to Radicle.

Education

Northeastern University — Bachelor of Science in Computer Science and Design — **Graduated Dec 2021**