

Nick Doherty

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Skills

Frontend: React, Next.js, TypeScript, Apollo Client

Mobile: React Native, Expo (EAS/TestFlight), Metro

Backend: Node.js/Express, GraphQL, REST, PostgreSQL, Redis, BullMQ, Stripe

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 production web app to unified Expo codebase targeting web/iOS/Android in ~12 weeks with near-feature parity
- Rebuilt authentication system using platform-specific secure storage (iOS Keychain with iCloud sync, Android Keystore with Drive backup); maintained backward compatibility with existing auth flows
- Implemented platform-aware auth flow using Metro's platform extension resolution to load correct provider per target and avoid bundle/runtime conflicts
- Set up EAS build profiles and TestFlight distribution; established cross-platform routing/UI patterns; delivered pre-app store builds

Kiosk (formerly Mirror) - Software Engineer · Remote · **May 2023 – Sep 2024**

- Shipped checkout system for digital content purchases and multi-currency creator rewards system, powering ~1M successful transactions and distributing >\$150k (as of Sep 2024)
- Rebuilt authentication and session management architecture, eliminating unreliable reconnects and reducing auth-related issues across the web app
- Researched and prototyped payment integration features including cross-currency transactions and in-feed purchase actions, delivering working POCs to inform product roadmap
- Co-built React Native/Expo social app with Node/Express backend; delivered to 500+ testers via TestFlight

Greenwood Labs - Software Engineer · New York, NY · **Feb 2022 – Apr 2023**

- Owned product design and frontend engineering for multiple 0-1 explorations in early-stage fintech; designed and built mobile-first interfaces across rapid iteration cycles
- Designed and developed mobile-first web interface for collaborative investment platform; first investment pool raised \$50,000 from multiple contributors
- Built and maintained GitHub Actions CI/CD pipeline for automated deployments and repository backups

Education

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