Daniel Stepanov

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TECH STACK

Typescript, React Native/Expo, React/Next, Apollo/GraphQL, Hasura, Node, Postgres.

EXPERIENCE

Software Engineer & Developer Relations (Contract) Mar 2022 - Present   EXPO (YC S16)

- Address technical debt and build bridges to core libraries (react-native-reanimated, react-navigation, etc) necessary to keep Expo Snack up-to-date with the latest releases of the Expo SDK.
- Foster community of- and onboard new open source contributors to Expo Snack. Leverage these experiences to enhance the existing onboarding experience and technical documentation.
- Maintain and improve technical documentation around local and EAS development builds, particularly for customers that build with standalone React Native applications.
- [WIP] Allow users to run snacks using native libraries via Expo custom dev clients, rather than Expo Go.
- [WIP] Improve the Expo Snack developer experience by allowing open source developers to locally debug snackager, the bundler for Expo Snack.
- Work alongside customer success, core development, and sales teams to foster relationships educating external companies using React Native (Shopify, Tesla, etc) about Expo Application Services.

Chief Technology Officer & Cofounder Jan 2021 - Oct 2021   PROPHONE (YC W21)

- Build and lead engineering team in developing the company's suite of various products, including a React Native/ Expo app, a NextJS app, a Postgres database, and a GraphQL server to manage various third party services. The client applications use Apollo to communicate with the GraphQL server.
- Architect and lead implementation of numerous integrations within Twilio's suite of products, including Voice, Conversations, Messaging, and Notify.
- Develop technical screening challenges, screen candidates, and draft onboarding materials for incoming engineers.
- Foster a culture focused on empathy and ownership through clear task-driven communication of complex ideas and weekly one-on-ones with relevant stakeholders.
- Establish code standards and maintain high quality code while filling any gaps in the engineering team.
- Meet tight timelines and ensure less than 6-hour time-to-resolution of any issues in production.
- Build and grow relationships with technical leads at the companies of our utilized third-party services.

Founding Engineer Jan 2020 – Nov 2020   MARBLE TECHNOLOGIES (YC S19)

- Own the React Native/Typescript rewrite of the customer-facing application allowing the platform to both serve Marble's existing enterprise customers and scale to the company's aggressive sales strategy.
- Lead implementation of end-to-end testing, CI/CD, user analytics, and modern JS patterns (immutability, async/ await, separation of concerns) across the entire codebase.
- Own design overhaul of platform while meeting due dates despite working with missing assets and designs.
- Spec out and lead development of missing loyalty and POS integrations to expand the company's addressable market.

Chief Technology Officer & Cofounder Jan 2017 – Jan 2020   SLICE CAPITAL

- Lead build-out of an equity crowdfunding portal (React, Apollo, Postgraphile/GraphQL, AWS RDS, Postgres, Plaid, Stripe Connect) in a highly regulated space.
- Build and manage relationships with non-technical individuals at FINRA and the SEC to achieve and maintain portal status throughout the build process.
- Increase completed user onboarding by an order of magnitude through automation of complex processes including financial KYC/AML checks.
- Secure extremely sensitive data (SSN, government-issued ID, etc) for thousands of users, using SSL and AES-256.
- Technically screen and grow the engineering team, despite a constrained budget.

Head of Operations (Contract) May 2016 - Aug 2016   CTRL LA

- Define product scopes and deliver 10 web-apps while working with a remote team of 3 designers and 16 engineers, allowing the business to grow from $100k to $1M ARR.

iOS Instructor Apr 2016 - Sep 2016   MAKE SCHOOL (YC W12)

- Teach ~40 high school and college students how to code natively in iOS, via Swift.
- Create and maintain course material to ensure it remains up-to-date with the latest tools.

Software Engineer (Contract) Nov 2015 - May 2016   BAREFOOT CODERS

- Own and maintain all native and React Native projects serving tens of thousands to millions of users.

Product Manager & Software Engineer Aug 2013 - Aug 2014   HASHTACK

- Own full rewrite of iOS application using Objective-C, Reactive Cocoa, and MVVM design pattern.

EDUCATION
- **Founder (W21)** Earned Jan 2021 Y-Combinator
- **Bachelor of Science, Chemical Engineering** Earned May 2015 The Pennsylvania State University

VOLUNTEER WORK
- **Technical Advisor and Mentor for Hacker Fund** Jan 2014 - Present
    - Teach underserved middle school and high school students to code, using Expo Snack.