

Daniel Stepanov

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TECH STACK

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

EXECUTIVE SUMMARY

With over 10 years of comprehensive software engineering experience, including 8 years working in React and React Native, I have been integral in building and managing diverse tech products, with a focus on scalability and quality. A strong product-oriented engineer who is adept at deconstructing complex features and thrives in ambiguous situations. I am adept at leading without authority and am committed to nurturing and mentoring other engineers. I'm looking to leverage my domain expertise in my next challenge, alongside a talented team with a strong technical background.

EXPERIENCE

Lead Mobile Engineer

VINOVEST

Oct 2022 - Present

- Rescue a struggling and out-of-date React Native app by conducting a thorough assessment of its technical debt and addressing critical areas of improvement across architecture and experience.
- Cut loading times in half using modern state patterns, asset caching, and a new app engine.
- Launch new product, Whiskeyvest, significantly increasing company's AUM and expand platform to wider demographic of investors.
- Collaborate with cross-functional non-technical teams to translate requirements into actionable tasks.
- Enforce code review practices to maintain high-quality code and minimize technical debt accumulation.
- Adapt to existing tools to automate deployment and QA testing using CircleCI, CodePush, and Firebase.

Software Engineer & Developer Relations

EXPO (YC S16)

(Contract) Mar 2022 - Present

- 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.

- 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 & Co-founder

PROPHONE (YC W21)

Jan 2021 - Oct 2021

- 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

MARBLE TECHNOLOGIES (YC S19)

Jan 2020 - Nov 2020

- 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 & Co-founder

SLICE CAPITAL

Jan 2017 - Jan 2020

- 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

CTRL LA

(Contract) May 2016 - Aug 2016

- 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

MAKE SCHOOL (YC W12)

April 2016 - Sep 2016

- 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

BAREFOOT CODERS

(Contract) April 2016 - Sep 2016

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

Product Manager & Software Engineer

HASHTACK

Aug 2013 - Sep 2014

- 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.