

Rafael Mendiola

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Accomplished React Native engineer and product maker, leading teams to deliver high quality desktop and mobile applications through strategic cross-platform development.

Experience

HubSpot, Boston, MA

October 2019 - April 2022

Tech Lead, promoted from Senior Software Developer II (2021)

- Spearheaded the adoption of React Native, empowering HubSpot to leverage frontend expertise to ship new mobile features. Led and grew a dedicated team of four developers as the React Native Foundations team, responsible for maintaining React Native as a development platform, overseeing the creation and maintenance of cross-platform javascript libraries, supporting continuous builds and acceptance testing, and releasing and monitoring apps.
- Designed a clean integration architecture for React Native feature modules onto native apps without impacting native development, as well as a native bridge API enabling interoperability between the native and JavaScript layers. Coordinated a working group of frontend and mobile engineers across the US and Ireland for implementation.
- Relaunched the mobile Conversations Inbox feature, refactoring and leveraging an extensive web-based JavaScript codebase, enabling concurrent delivery of features across web, iOS and Android. This feature had a 24% month-over-month growth rate after launch, with 60% retention in an app supporting thousands of users.
- During the COVID-19 pandemic, organized a weekly support group for people managing work/life changes.

Lola Travel, Boston, MA

May 2017 - Aug 2018

Mobile Development Lead, promoted from Software Architect (2018)

- Led React Native engineering, overseeing major product features and continuous delivery of iOS and Android apps. Relaunched Lola's native iOS travel concierge app as a travel app for business travelers.
- Coached developers on React Native and Redux, introducing modern coding practices with Prettier, ESLint and StoryBook. Collaborated with designers to create a design system, leading to improved fidelity between design and implementation.
- Organized monthly roundtable events with engineers at other companies to share expertise and best practices, eventually becoming a leader of the Boston React Native meetup, attracting dozens of developers interested in cross-platform development and increasing awareness of companies using React Native.

Self Employed Mobile Development Consultant, Boston, MA

Mar 2016 - October 2019

Self Employed Software Consultant. Established Ramen Software (2018)

- At EverTrue, a donor platform for universities, created the Android version of their existing iOS app in React Native, allowing them to offer full product coverage for organizations of mixed Android and iOS users.
- At Lola Travel, advised on the strategic benefits of React Native as they pivoted from iOS development. Architected and implemented the Android version with feature parity, eventually joining the company.
- At Outcomes4Me, a company empowering cancer patients, revitalized a substandard codebase, advised on mobile engineering teams and organizational rhythm, set up crash and analytics reporting and collaborated on features, enabling them to go to market.

Additional experience listed on LinkedIn.

Education

Massachusetts Institute of Technology

Sep 2000 - May 2002, Sep 2011-Jun 2014

Bachelor of Science in Computer Science and Engineering, Concentration in Japanese.

Skills & Interests

Languages: English, Spanish, Intermediate Japanese

Programming Languages: JavaScript, Swift, Kotlin, Java, Objective-C, Python, Scheme, PHP

Databases: MySQL, PostgreSQL, Firebase

Tools: React, Redux, MobX, GraphQL, TypeScript

Mobile Development: React Native, Android, iOS, Responsive HTML

Design: Illustrator, Photoshop, Premiere, After Effects, Sketch, Figma

Hobbies: Traveling to Japan, studying music theory, Running 5Ks, Dog Training,