

# Justin Makaila

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## EXPERIENCE

### Treehouse Technology, Lansdale, PA — Owner/Consultant

June 2024 - Present

- Long-term contract with client to modernize their mobile app (wrapped web-app): deep links, native authentication, contact import/export, native twilio integration, on-device permissions, profile switching.
- Modernized web-app to a react-native cross-platform (web, native-mobile) application using expo
- Developed CI/CD pipelines for clients.

### Nowsta, Brooklyn, NY — Lead Mobile Engineer

July 2023 - March 2024

- Led a small team of 2 other mobile engineers maintaining 4 different React Native applications.
- Implemented modern API services into a legacy application while preserving existing legacy functionality for 1.0 and 2.0 users.
- Developed a time clock application for modern API services in 3 weeks.

### Wellth, Los Angeles, CA — Sr. Software Engineer

January 2016 - August 2022

- Led transition from native Android/iOS apps to React Native and developed architecture for React web apps.
- Developed company-wide coding standards and development processes for all React/React Native applications.
- Deployed CI/CD pipelines using CircleCI to test and deploy to the correct environment based on the source/target branches in Pull Requests.

### Present, Princeton, NJ — CTO

June 2013 - December 2015

- Initial Capital Raise of \$145,000.
- Scaled from team of 2 to team of 5.
- Wrote core live-streaming technology that prioritized quality-over-latency, sending the video over HTTP and ensuring high-quality replays.

## PROJECTS

### Sup — Social Event Planning

- AWS Amplify project utilizing SQL and GraphQL. Uses AWS Cognito, AWS AppSync, DynamoDB, CloudWatch, and CloudFormation under the hood.
- React Native for web/macOS/windows powered front-end, allowing for multiple platform support out of the box.
- Began iterating on some versions using ATProto instead of dedicated backend resources.

## SKILLS

React/React Native development  
iOS mobile development  
DevOps/CI pipeline development  
AWS Technologies  
Self directed

## (Programming) LANGUAGES

Typescript/Javascript, Python, Swift, Objective-C, Java, C#, C

## EXTRA CURRICULAR

PSU Abington Golf Asst Coach