

Jaron Lowe

Greater Orlando

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Summary

- Lead Software Engineer with 10+ years of professional software engineering experience.
- Leader capable of managing developers to create full-stack applications.
- Adaptable to and excited by new technologies.
- Self-motivated team player with excellent communication and interpersonal skills.
- Capable speaker able to give clear presentations and software sales pitches.
- Coordinates with designers to produce a quality user experience across multiple platforms.
- Works with management to talk through design plans, distribution of work, and time schedules.

Experience



Lead Engineer

Target

Sep 2022 - Present (1 year 11 months)

- Led the Target Finds iOS team to create and display trendy, photographic, social content.
- Created an in-app portal for Target influencers to manage their storefronts, collections, and posts.
- Integrated social media content with Target products for linking to PLP and PDP screens for purchase.
- Developed highly testable code using SwiftUI and The Composable Architecture (TCA).
- Used UIViewRepresentable to integrate custom UIKit layouts into SwiftUI.
- Wrote extensive unit and UI tests for all developed features.
- Worked alongside frontend and backend web devs to establish new APIs and authentication implementations.



Software Engineering Manager & iOS Tech Lead

City National Bank

Nov 2021 - Sep 2022 (11 months)

- Responsible for maintaining and hiring members the iOS team.
- Make engineering and app architecture decisions.
- Assisting in programming and app releases.
- Developed multiple features for personal banking app (External Accounts, Transaction Categorization, etc) backed by a suite of unit and UI tests (XCTest, XCUITest, Cucumber).
- Responsible for establishing reactive MVVM standards and training my peers.
- Instrumental in conversion to SwiftUI (combine) from UIKit (RxSwift).
- Helped establish development roadmap and creation of feature and tech debt epics.
- Maintained CI/CD pipelines for production, unit testing, and beta releases.
- Participated in department-wide hackathons to brainstorm new features for our banking platform.



Lead iOS Developer

Echelon

Jan 2021 - Dec 2021 (1 year)

- Wrote client-side implementation of WebSocket leaderboard for live workout classes.
- Rewrote video player to sync real time leaderboard and metric collection with video playback.
- Responsible for updating UX throughout entire app.
- Cleaned up large amounts of app code to utilize MVVM with Rx.
- Refactored Bluetooth code to handle Heart Rate Monitors.
- Worked alongside backend team to make changes to NodeJS Express APIs.



Lead Software Engineer

Jeunesse Global

Jan 2015 - Jan 2021 (6 years 1 month)

- Led a team of 3 iOS, 3 Android, and 2 Web devs.
- Created, maintained, and managed multiple iOS, Android, and web applications with skills among: Swift, Kotlin, Java, C#, .NET, Javascript, Typescript, AngularJS, Angular, SQL Server, NodeJS
- Responsible for bringing mobile app ratings from ~2.0 -> 4.8 stars, and crash-free ratings from 37% -> 99.8%
- Localized all applications in 30+ languages and built tools to maintain translations.
- Developed, packaged, and sold flagship application to many other industry clients.
- Led a project to transition company's yearly convention to be all digital with livestreams supporting upwards of 30,000+ viewers. Live streams were supported on iOS, Android, and Web.



Contract iOS Developer

Echelon

Sep 2020 - Dec 2020 (4 months)

- Additional contract to add more progress tracking to Echelon's weight scale companion app.



Contract iOS Developer

Echelon

Apr 2020 - Jun 2020 (3 months)

- Created a companion app to go alongside Echelon's new Bluetooth weight scale.
- Implemented Bluetooth connection, weight and stat tracking, user profile management, etc.



Contract iOS Developer

Echelon

Jan 2020 - Mar 2020 (3 months)

- Contract for additional work on Echelon's flagship Echelon Fit app.
- Storyboarded and wrote universal view code for various new onboarding screens.
- Wrote ML serial number scanner for scanning fitness equipment serial numbers.



Contract iOS Developer

Viatek Consumer Products Group

Jul 2017 - Sep 2017 (3 months)

- Created flagship Echelon Fit iOS app.
- Implemented UX to search and participate in on-demand & live workouts, track training progress, & connect to Bluetooth fitness equipment.
- Integrated with PHP backend APIs and live stream video services.

- Assisted in creating initial PHP APIs to support apps.

Contract Web Developer

PLW Modelworks

Sep 2014 - Oct 2016 (2 years 2 months)

- Webmaster & designer for brand new website.
- Designed and created front-end website in AngularJS.
- Created a custom admin dashboard for updating website content dynamically using AngularJS and PHP APIs.
- Handled all hosting and maintenance of the site.

Software Developer

21st Century Safety----Safety Consulting and Safety Products

Nov 2013 - Apr 2014 (6 months)

- Designed and programmed mobile safety apps to support and promote company products.
- Designed UI for both iPhone and iPad apps.
- Developed educational HTML5 safety games suite for commercial sale.
- Developed e-learning software courses, games, and web activities.

Lead iOS Developer

Florida Hospital

Jan 2014 - Mar 2014 (3 months)

- Contract from Florida Hospital for an iOS app to track and visually display data for a new breast cancer treatment lifecycle.
- Charts are used to compare past lifecycles with the new pilot program's results.

Contract Software Developer

My Innoventure LLC

May 2013 - Jul 2013 (3 months)

- Sole developer of commercial iOS application contract.
- Integrates GPS and Mapkit, Camera/Photo-processing, PHP Online Registration to MySQL Database, Facebook, Twitter, Foursquare, Auto-Updating XML Ads, Email Sharing, Audio Recording, and Accelerometer Movement Detection.

Quality Assurance

Fiserv

Mar 2012 - Dec 2012 (10 months)

- Developed test cases and thoroughly tested company software.
- Learned Basic SQL skills and managed test databases for financial documents.
- Engaged in multi-company meetings to discuss testing methods.

Education



University of Central Florida

Bachelor of Science (B.S.), Computer Science

2010 - 2014

Flagler Palm Coast High School

High School, General Education Degree

2006 - 2010

Skills

RxSwift • Unit Testing • Model-view-viewmodel (MVVM) • Model-View-Controller (MVC) • Continuous Integration and Continuous Delivery (CI/CD) • Fastlane • Reactive Programming • Combine • SwiftUI • The Composable Architecture