

Assaf Halfon

iOS Software Engineer

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SUMMARY

- Senior iOS Developer with over a decade of experience, primarily within global tech companies.
- Passionate about iOS engineering, from concept to delivery and maintenance, both for apps and SDKs.
- Combines strong engineering skills with a data-driven mindset, pragmatic technical judgment and innovation.
- Experienced with Swift, Objective-C, UIKit, SwiftUI, Apple frameworks, Git, CI/CD, and modern iOS architecture.
- Known for ownership, accountability, adaptability, collaborative problem-solving, and attention to detail.

TECHNICAL SKILLS

Languages & Frameworks: Swift, Objective-C, UIKit, SwiftUI, RxSwift, Combine, TCA, KMM, XCTest, Nimble.

Development Tools: Xcode, Playgrounds, Instruments, Git, Jenkins, CocoaPods, SPM, VS Code, AI code assistants.

Engineering Practices: Design patterns, TDD, SOLID, Software architecture, Performance profiling, CI/CD.

Additional Technical Exposure: C++, Python, Kotlin, SQL, Embedded systems, IoT, Hardware integration, ML.

WORK EXPERIENCE

QwertyMe | 2025-Present | Independent Software Developer

Built a macOS utility, leveraging accessibility APIs to work across the OS. Used Core Animation and algorithmic optimizations for efficiency. Owned the entire tech stack end-to-end, from idea to production and maintenance.

Autodesk | 2022-2025 | Senior Software Development Engineer

Collaborated with dozens of developers across time zones in a large monorepo, maintaining a complex app with millions of active users. The codebase spans legacy Objective-C and MVVM, through FLUX, to modern SwiftUI and TCA. In this high-scale environment, I led a modularization initiative that significantly improved build times, launched an overnight syncing feature praised by users, utilized LaunchDarkly for risk-managed feature rollouts, and proactively drove additional impactful initiatives around developer productivity and feature delivery.

Au10tix | 2020-2022 | Senior iOS Developer

Developed a multi-framework SDK, which uses image processing and machine learning to validate user authenticity, serving tens of millions of end-users. Delivered high-quality features under tight timelines, led an effort to re-architect our SDK codebase for efficiency and simplicity of use, championed the adoption of unit testing in our team, and initiated several other technological initiatives throughout the project.

Reali | 2019-2020 | iOS Developer

Worked on a consumer iOS app with a strong emphasis on architecture, code quality, and maintainability.

Positive Apps | 2015-2019 | iOS Developer

Developed multiple iOS apps, gaining broad experience with iOS technologies, frameworks and tools.

Pre-2015 - Additional work experience outside the software industry is available upon request.

MILITARY SERVICE

Operations officer, Lieutenant.

EDUCATION

B.Sc. in Life Sciences.
Tel-Aviv University.

LANGUAGES

Hebrew - Native
English - Fluent