

Jacob Relkin

Senior iOS Engineer & Technical Advisor

new york

(845) 475-8517 · jacobrelkin@gmail.com

[LinkedIn](#) · [GitHub](#) · [Stack Overflow](#) · jacobrelkin.me

15+ years shipping iOS to millions of users. Four acquisitions including a \$1M Shark Tank deal. Acquired into Square (NYSE: XYZ) via Pins, promoted to the Register Foundation team. Flagship release to 80% of U.S. physicians at Doximity (NYSE: DOCS). 163K+ Stack Overflow reputation—top 0.01%, ~22M people reached.

EXPERIENCE

Independent Practice — Principal iOS Engineer & Technical Advisor 2013 – Present

Embedded engagements across fintech, healthcare, social, IoT, and AI

- Embedded senior engineer across **15+ clients** in fintech, healthcare, IoT, and AI—including an FDA-adjacent drug monitoring app (Amicus Therapeutics, NASDAQ: FOLD).
- Currently **technical advisor** to a venture-backed stealth startup at the intersection of AGI, payments, and vertical SaaS.

Bottleshake — Engineering Lead 2016 – 2017

B2B networking platform connecting brands with influencers

- Hired directly by CEO as **engineering lead**—built and managed **5-person cross-functional team** owning the full product stack.
- Shipped **LinkedIn OAuth**, complete UX redesign, and matching algorithm overhaul that measurably reduced churn.

Square (now Block) — iOS Platform Engineer, Square Register Foundation Team 2013 – 2015

Acquired via Pins → promoted to Register Foundation team

- Joined via **acquisition**. Promoted to **Square Register Foundation team**—owned core libraries and shared infrastructure powering the flagship POS app.
- Cut CI build times **30%+**, saving hundreds of engineering-hours/quarter. Prototyped **Square Invoices** at Hack Week—shipped to production.

Breathometer — iOS Engineering Lead 2013 – 2014

Consumer Bluetooth breathalyzer — featured on ABC's Shark Tank

- **Founding iOS engineer**—solo-built the entire app, Bluetooth stack, and signal processing pipeline. Product secured **\$1M from all five Sharks** on ABC's Shark Tank.

Doximity — Lead iOS Engineer 2011 – 2013

Professional network for physicians — now NYSE: DOCS

- Led **v5.0** flagship release serving **100K+ physicians**. Architected **white-label SDK** deployed at Stanford, Harvard, Penn, UCSF, and UCSD.

Earlier Roles — Giftiki, Appcelerator, Freeverse 2009 – 2011

- **Giftiki**—Apple "New & Noteworthy," acquired by LaunchRock. **Appcelerator**—one of four core engineers on Titanium Mobile. **Freeverse**—shipped two commercial iOS games.

NOTABLE PROJECTS

Doximity [NYSE: DOCS](#)

Flagship release to 80% of U.S. physicians. White-label SDK at Stanford, Harvard, Penn.

Swift, UIKit, Core Data, REST APIs

Square Register [NYSE: XYZ](#)

Core iOS infrastructure serving the flagship POS app. Prototyped Invoices—shipped to production.

Obj-C, Swift, Jenkins CI, Internal Tools

Galafold® MyDay [FDA-Adjacent](#)

HIPAA-compliant rare disease app for Amicus (NASDAQ: FOLD).

Swift, HealthKit, Accessibility

JSwipe [Acq. by Match Group](#)

Real-time matching and chat for dating app acquired by Match Group.

Swift, WebSockets, StoreKit

Amion [200K+ Providers](#)

Clinician scheduling for 350+ health systems. On-call management with offline sync.

Swift, UIKit, Offline Sync, HIPAA

Breathometer [\\$1M Shark Tank](#)

Solo-built entire iOS platform behind deal with all five Sharks.

Obj-C, CoreBluetooth, Signal Processing

ShopKeep POS [Acq. by Lightspeed](#)

Offline-first POS—transactions never lost, even without connectivity.

Swift, Core Data, Payment APIs

TECHNICAL SKILLS

Languages: Swift, Objective-C, TypeScript, JavaScript, Python

Architecture: MVVM, TCA, Protocol-Oriented Design, Modular Swift Packages, Clean Architecture, Dependency Injection

Apple Platforms: UIKit, SwiftUI, CoreBluetooth, Combine, Structured Concurrency, Core Data, SwiftData, MapKit, HealthKit, StoreKit 2

Tooling & AI: Xcode/Instruments, SPM, Fastlane, GitHub Actions, XCTest, Snapshot Testing, REST/GraphQL, Core ML, AI-Augmented Dev

EDUCATION & CERTIFICATIONS

EDUCATION

Lev Academic Center (Jerusalem College of Technology) — Computer Science

CERTIFICATIONS

Newton Academy iOS Developer • Arc Certified Remote Developer