Andrew Apperley

Senior iOS Engineer | Technical Lead | AI Product Builder

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PROFESSIONAL SUMMARY

Senior iOS engineer with 10+ years shipping high-impact mobile products at Dropbox, Pinterest, and Shopify. Co-led the Dropbox Dash mobile team and delivered an AI-powered meeting preparation feature used across the Dash platform. Designed and shipped performant ad formats that improved user retention metrics at Pinterest, and built developer frameworks relied upon by tens of thousands of Shopify Partners. Fluent in Swift, SwiftUI, UIKit, mobile architecture, CI/CD pipelines, and cross-functional technical leadership. Deeply invested in AI tooling and on-device intelligence as the next frontier of mobile engineering.

EXPERIENCE

Senior iOS Engineer (Tech Lead)

May 2025 - May 2026

Dropbox — Dash Team | Remote

- Co-led the Dash mobile team alongside the Android tech lead, jointly defining engineering processes, technical direction, and cross-platform standards for a fast-moving AI product.
- Architected and shipped Prepare for Your Day, an AI-driven feature synthesizing a user's calendar events, recent files, collaborators, and active projects to deliver personalized meeting briefs before each event; one of Dash's flagship AI experiences.
- Designed the persistent layer integration strategy for Dash on iOS, establishing data architecture patterns for caching, sync, and offline resilience across the mobile client.
- Advocated for mobile-first product thinking in cross-functional planning, influencing roadmap prioritization to improve customer engagement and satisfaction.

Senior iOS Engineer

Feb 2022 - May 2025

Pinterest | Remote

- Delivered high-performance third-party ad formats on the Ads Format Foundations team, directly contributing to improvements in user retention metrics and monetization at Pinterest's scale.
- Built scalable consumer-facing experiences on the Merchant Storefront team, enabling brands to present richer storefronts within the Pinterest mobile app.
- Drove performance-first engineering practices ensuring ad rendering met strict latency and scroll-performance budgets on both older and newer iOS devices.

Senior Mobile Developer

Dec 2016 - Dec 2021

Shopify | Toronto, Ontario, Canada

- Built and maintained App Bridge and App Extension frameworks enabling Embedded App integrations across Shopify's mobile ecosystem, relied upon by tens of thousands of Shopify Partners worldwide.
- Led end-to-end delivery of multiple platform-level projects, coordinating across mobile, web, and partner-facing teams.
- Mentored two junior developers through structured code review, design discussions, and pairing sessions; both progressed to independent contributors within their first year.
- Supported Shopify Partners through documentation, developer tooling improvements, and direct technical engagement to reduce integration friction.

Co-Founder and Lead Engineer

May 2016 - Present

EverTech Solutions | Ontario, Canada

- Co-founded and operate a technology company building and maintaining a CMS platform powering multiple Funeral Home businesses across Canada.
- Engineered live streaming infrastructure, REST APIs, and server-side systems enabling real-time service broadcasts.

Part-Time Instructor

2016 - 2022

Humber College | Toronto, Ontario, Canada

- Taught web and mobile development courses; mentored students on modern engineering workflows, CI/CD practices, and Swift development.

AI EXPERTISE

- Shipped production AI features on Dropbox Dash, a platform built on LLM and contextual intelligence pipelines, with direct experience integrating AI backends into native iOS surfaces.
- Daily practitioner of AI-assisted development using Claude, GitHub Copilot, and Cursor for accelerated code authoring, test generation, architecture exploration, and code review.
- Experienced with on-device ML integration using Core ML and Apple Intelligence APIs for latency-sensitive mobile use cases.
- Product-minded approach to AI features focused on surfacing intelligence at the right moment with context-aware UX that feels native.

TECHNICAL SKILLS

- **Languages:** Swift, SwiftUI, UIKit, Objective-C, JavaScript
- **Architecture:** MVVM, TCA, Modular App Architecture, Persistent Layer Design, Offline-First Patterns
- **AI and ML:** Core ML, Apple Intelligence APIs, LLM API Integration, On-Device Inference, Claude, GitHub Copilot, Cursor
- **Platform:** CI/CD, GraphQL, REST APIs, Xcode Cloud, App Extensions, App Bridge
- **Leadership:** Technical Direction, Cross-Team Collaboration, Mentorship, Design Review, Roadmap Influence

OPEN SOURCE AND PROJECTS

- evmu-watch: Swift project targeting Apple Watch, exploring low-level system emulation on watchOS.
- AFFNetworking: Custom Objective-C networking library built on NSURLConnection and NSOperationQueue; a personal deep-dive into HTTP layer design.
- KallistiOS / Dreamcast: Active contributor bringing Objective-C toolchain support to the Sega Dreamcast, demonstrating curiosity about low-level systems and compilers.

EDUCATION AND CERTIFICATIONS

Software Development Diploma

Humber College | Toronto, Ontario, Canada

Advanced iOS Development

July 2024

Big Nerd Ranch

Developer 30 Under 30

April 2017

Evoke Canada