

## Philippe Boudreau

Senior iOS Software Engineer

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### Summary

Versatile software engineer with over 20 years of experience and a deep specialization in Apple platforms since 2009. Known for delivering polished, performant iOS apps and tackling complex challenges across domains like AR, AI/LLMs, and enterprise systems.

### Core Technologies

Swift • SwiftUI • UIKit • Combine • visionOS • CoreML • ARKit  
Objective-C • Xcode Cloud • XCTest • Jenkins • REST/JSON APIs  
CI/CD • Metal • Core Data • PHP • SQL • Bash • Unix CLI

### Experience

#### Apple (via Monks) — Senior iOS Engineer

2020–2025

- Prototyped cutting-edge retail experiences using Swift, ARKit, visionOS, and AI/LLMs.
- Built internal tools for real-time content, settings, and behavior management across global retail devices.
- Pioneered remote device configuration frameworks at scale.

#### First American (via Monks) — Lead Mobile Engineer

2018–2020

- Led native iOS and Android development for title insurance platform “Clarity First.”
- Delivered secure, on-the-go access to client accounts via high-performance apps.

#### Independent App Developer

2009–Present

- [Breaker Meister](#) (2024) — Breaker ID and panel mapping utility for homeowners.
- [com.post](#) (2023) — Offline reader app with auto-tagging and privacy-first sync.
- Vest (2017) — Investment tracker with financial data visualization.
- Woodcraft (2011) — First CAD woodworking app on iOS with live bill of materials.
- Terrapad (2009) — Configurable geo-referenced database and mapping app.

## **Hydro-Québec, BC Hydro & others — Software Engineer / Consultant**

2001–2017

- Specialized in GE Smallworld GIS customizations, system integrations, and interface development for utilities.
- Led data migration, performance optimization, and test automation efforts.

## **Education**

B.Sc. Computer Science, Magna Cum Laude

University of Ottawa — 2000