



Dmitry Keller

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\$ whoami

Software Developer with over 10 years of experience building robust iOS solutions across diverse teams and technologies. My journey began at FUN and MOBILE in Warsaw, progressed through SoftServe where I contributed to projects for global enterprise technology leaders, and continues at Stfalcon where I combine hands-on development with mentoring and technical leadership.

While UI development has become routine, I thrive on solving abstract, technically challenging problems. I have a particular passion for IoT technologies including CoreBLE and CoreNFC, bridging the gap between hardware and software. Beyond iOS, I actively explore low-level programming with C/C++, have a strong interest system-level engineering.

\$ skills --list

Languages: Swift, Objective-C, C/C++
Frameworks: UIKit, RxSwift, Core Bluetooth, Core NFC, StoreKit
Tools: Xcode, Git, CocoaPods, SPM, GCD, MapKit, Fastlane, GitHub Actions
Architectures: MVVM-R, MVC, Clean Architecture, S.O.L.I.D

\$ experience --verbose

Senior iOS Developer

2020 - Present

Stfalcon

- ▶ iOS development for complex B2B and medical-grade applications
- ▶ Architecting solutions with advanced iOS frameworks including CoreBluetooth and CoreNFC
- ▶ Conducting technical interviews and mentoring junior developers
- ▶ Performing project estimation, planning, and technical roadmap creation
- ▶ Contributing to projects of national significance

Middle iOS Developer

2018 - 2020

Nymgo S.A

- ▶ Developed secure networking solutions using Network Extensions framework
- ▶ Integrated subscription-based monetization with StoreKit
- ▶ Designed and implemented real-time communication features
- ▶ Optimized application performance and network security

Middle iOS Developer

2016 - 2018

SoftServe

- ▶ Developed iOS applications for global enterprise clients
- ▶ Integrated complex third-party SDKs for enterprise security
- ▶ Implemented location-based features with MapKit and CoreLocation
- ▶ Collaborated with distributed international teams
- ▶ Maintained and enhanced legacy codebases with modern Swift patterns

Junior iOS Developer

2014 - 2016

FUN and MOBILE

- ▶ Built iOS applications from scratch based on design mockups
- ▶ Maintained and debugged legacy applications for iPad devices
- ▶ Collaborated in small agile teams for rapid development cycles

\$ projects --highlight

iOS SDK for Digital Customer Service [Swift, ReactiveSwift, WebRTC, Push Notifications, Sockets, React Native, Flutter, Ionic]

Developed a robust B2B iOS SDK providing turnkey communication features for the banking sector. Implemented high-performance modules for real-time chat, VoIP audio, and video streaming. Prioritized enterprise security standards, memory optimization, and stable API design to ensure reliable functionality across diverse client architectures and critical financial environments. Maintained the core native iOS SDK while ensuring full feature parity and interoperability across React Native, Flutter, and Ionic wrappers.

Medical Diabetes Management System [Swift, C/C++, CoreBLE, CoreNFC, OpenSSL]

IEC 62304 compliant iOS application for hybrid closed-loop insulin delivery system. Developed SDKs for Freestyle Libre 3 and Dexcom G6 sensors with real-time glucose monitoring via NFC and Bluetooth. Implemented OpenSSL encryption and iXGuard code obfuscation for medical-grade security.

Florida Real Estate Platform [Swift, UIKit, RxSwift, Realm, Firebase]

Comprehensive real estate app for Florida market featuring property listings, off-market properties, advanced filtering, real-time alerts, mortgage calculators, and direct agent connections. Designed for seamless buyer and renter experience.

VPN App [Swift, Network Extensions, Packet Tunnel Provider]

Secure VPN application with custom VPN protocol implementation using Packet Tunnel Provider and Network Extensions. Subscription-based service offering advanced online security and complete internet freedom.

Weather Underground [Swift, MVC, Google Maps, Realm]

High-precision weather forecasting application with rich customizable user notifications and advanced mapping integration. Part of enterprise-level weather services platform.

\$ education --installed

Master Degree in Computer Science and Applied Mathematics

2008 - 2014

Ivan Franko National University of Lviv

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