

Name Dmitry K.

Position Software Engineer / iOS Developer

Year of birth 1989

IT experience Since 2014

Education 2012 - 2014 Ivan Franko National University (Master degree)
2008 - 2012 Ivan Franko National University (Bachelor degree)

Profile summary Software engineer with 10 years of experience in building, integrating, testing and supporting iOS applications for mobile devices.

Ability and experience to create clean and reusable code for small, medium and large projects with OOP and Clean-Architecture in mind.

Interested in low-level stuff like cyber-security and system programming.

Competence	Level	Last used	Years
Working area			
Architecture Design	Very experienced	2025	8
UI creation	Very experienced	2025	10
Animations programming	Very experienced	2025	8
Database Design	Experienced	2022	5
Estimating	Experienced	2024	6
Documentation	Very experienced	2024	6
Performance Optimization	Very experienced	2025	6
Dependencies resolving tools (Swinject)	Very experienced	2025	2
Mobile Development	Very experienced	2025	10
Programming	Very experienced	2025	10
Programming languages			
Objective-C	Very experienced	2024	5
Swift	Very experienced	2025	8
C/C++	Experienced	2025	2
Assembly	Very Beginner	2023	1
Operating systems			

MacOS	Very experienced	2025	9
Arch Linux	Experienced	2025	2
Architecture patterns			
MVVM-R	Very experienced	2025	7
MVC	Very experienced	2018	5
Development tools & frameworks			
UIKit	Very experienced	2025	9
SwiftUI	Experienced	2025	2
CoreLocation	Very experienced	2024	4
CoreBluetooth	Experienced	2024	1
CoreNFC	Experienced	2024	1
RxSwift	Very experienced	2025	4
Cobine	Experienced	2025	2
Firebase	Very experienced	2024	5
Social network SDKs	Very experienced	2022	4
Alomafire	Very experienced	2024	6
XCTest	Very Experienced	2024	3
Git	Very experienced	2025	8
React Native	Experienced	2022	1
Dependency managers			
SwiftPM	Experienced	2025	3
CocoaPods	Very experienced	2025	8
Carthage	Experienced	2023	1
Conan	Beginner	2024	1
Security			
OpenSSL	Beginner	2024	1
iXGuard	Experienced	2024	1
OWASP Mobile Application Security	Experienced	2024	1
Databases			
Realm	Experienced	2025	4
CoreData	Experienced	2024	4
Build Systems			

xcodebuild	Experienced	2024	1
CMake	Experienced	2025	2
Makefile	Experienced	2025	2
IDEs			
XCode	Very experienced	2025	10
Android Studio	Beginner	2025	2
VSCode	Experienced	2024	3

Language	Spoken level	Written level
English	Upper-intermediate	Upper-intermediate
Ukrainian	Native	Native
Polish	Upper-intermediate	Beginner

Projects:

Project name:	iOS SDK for Digital Customer Service
Involvement duration:	2025 - 2025
Project role:	iOS developer
Project team size:	10 developer
Project description:	<p>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.</p> <p>Maintained the core native iOS SDK while ensuring full feature parity and interoperability across React Native, Flutter, and Ionic wrappers.</p>
Tools and technologies:	Swift, ReactiveSwift, Push Notifications, WebRTC, Sockets, React Native, Flutter, Ionic, Unit tests, Integration tests, Snapshot tests.

Project name:	Florida Real estate platform
Involvement duration:	2024 - 2025
Project role:	iOS developer
Project team size:	1 developer
Project description:	A Real Estate app for Florida state. The mobile app provides users with a seamless experience for finding homes for sale, rent, and even properties that are off-market. It offers detailed listings with photos, floor plans, and key information about each property, including price estimates and recent sale data. Users can filter searches based on specific criteria like location, price range, number of bedrooms, and more. The app also includes features like saved searches, real-time alerts for new listings, and the ability to connect directly with real estate agents. Additionally, it provides helpful tools like mortgage calculators and home value estimators to assist users in making informed decisions. It's designed for both potential buyers and renters to explore the housing market at their convenience.
Tools and technologies:	Swift, UIKit, RxSwift, Realm, Firebase.

Project name:	NDA
Involvement duration:	2023 - 2024
Project role:	iOS developer
Project team size:	5 developers
Project description:	This project involves the development of an advanced iOS application (IEC 62304 standard) designed to manage insulin delivery for diabetic patients using a hybrid closed-loop system. By leveraging sensor glucose readings, the app intelligently and automatically adjusts insulin doses delivered via an insulin pump to optimize glycemic control. Specifically, I developed SDK's for Freestyle Libre 3 and Dexcom G6 sensors. The application utilizes CoreNFC for seamless communication with NFC-enabled glucose sensors and CoreBLE for reliable Bluetooth connectivity with insulin pumps. This combination ensures real-time data acquisition and control, enhancing patient safety and improving diabetes management outcomes.To ensure the security of data transmission and protect patient information, the app incorporates OpenSSL, providing robust encryption for all communications within the app. iXGuard was used to obfuscate the code and add additional runtime protection for the app binary.
Tools and technologies:	Swift, C/C++, CoreBluetooth, CoreNFC, OpenSSL, iXGuard, Makefile, Unit tests.

Project name:	NDA
Involvement duration:	2022 - 2023
Project role:	iOS developer
Project team size:	10 developers
Project description:	A B2B travel management platform that manages business travels and meetings. I was developing the Rails section for the UK and EU.
Tools and technologies:	Swift, Obj-C, SwiftUI, UIKit

Project name:	Velvot app
Involvement duration:	2022
Project role:	iOS developer
Project team size:	6 developers
Project description:	A platform for online education with courses, blogs and articles.
Tools and technologies:	Swift, UIKit, MVVM, RxSwift, Alamofire, Swinject, Firebase

Project name:	Strong Mom
Involvement duration:	2022
Project role:	iOS developer
Project team size:	4 developers
Project description:	A fitness application for pregnant women. It contains single video exercises, complex fitness programs, and blog articles
Tools and technologies:	Swift, UIKit, MVVM, RxSwift, Alamofire, Swinject, Firebase

Project name:	MUVR app
Involvement duration:	2021-2022
Project role:	iOS developer
Project team size:	6 developers
Project description:	A platform for the gig-driver industry. The app had two roles: driver and clients. Drivers are responsible for taking parcels from Clients and delivering them across the country.
Tools and technologies:	Swift, UIKit, MVVM, RxSwift, Alamofire, Swinject, Firebase

Project name:	** iOS Video Player SDK **
Involvement duration:	2021
Project role:	iOS developer
Project team size:	2 developers
Project description:	A Video player platform with advanced AI analytics
Tools and technologies:	Swift, MVC, Combine, ZFPlayer.

Project name:	Whizzy
Involvement duration:	2020 - June 2021
Project role:	iOS developer
Project team size:	4 developers
Project description:	Platform for moving packages and items
Tools and technologies:	Swift, RxSwift, MVVM, Alamofire, Swinject, Firebase

Project name:	BBGo
Involvement duration:	2020 - 2021
Project role:	iOS developer
Project team size:	5 developers
Project description:	Uber-like taxi application
Tools and technologies:	Swift, RxSwift, MVVM, Alamofire, Swinject, CoreLocation, GoogleMaps

Project name:	TaskRunner
Involvement duration:	2020 - 2021
Project role:	iOS developer
Project team size:	5 developers
Project description:	Platform for task creation and execution
Tools and technologies:	Swift, RxSwift, MVVM, Alamofire, Swinject, Firebase

Project name:	Joyn FDG
Involvement duration:	2020 - 2020
Project role:	iOS developer and expert
Project team size:	8 developers

Project description:	Application to manager Oil and Gas field engineers
Tools and technologies:	Objective-C, MVC, AFNetworking, CoreData

Project name:	AirFarm
Involvement duration:	May 2020 - June 2020
Project role:	iOS developer
Project team size:	5 developers
Project description:	Social network for farmers
Tools and technologies:	Swift, RxSwift, MVVM, Alamofire, Swinject, Firebase
Project name:	Hosty
Involvement duration:	April 2020 - June 2020
Project role:	iOS developer
Project team size:	3 developer
Project description:	An application for managing multiple AirBnB accounts
Tools and technologies:	Swift, RxSwift, MVVM, Alamofire, Swinject, Firebase, Lottie, Centrifuge iOS
Project name:	Verint Work View
Involvement duration:	September 2017 - July 2018
Project role:	iOS developer
Project team size:	4 developer
Project description:	Employee management platform
Tools and technologies:	Swift, MVVM, Alamofire, Firebase
Project name:	Weather Underground
Involvement duration:	June 2017 - September 2017
Project role:	iOS developer
Project team size:	8 developers
Project description:	A Weather forecast application which one of the most precise forecast and rich customizable user notification functionality.
Tools and technologies:	Swift, MVC, Google Maps SDK, Realm, Alamofire
Project name:	B2B Weather Application (NDA)
Involvement duration:	February 2015 - January 2016
Project role:	middle iOS developer
Project team size:	8 developers
Project description:	A Weather Forecast application with 4 different UI themes and a lot of

	customizable UI for client needs.
Tools and technologies:	Objective-C, MVC, Google Maps SDK, CoreLocation, CoreData, Alamofire
Project name:	Moj Carrefour
Involvement duration:	February 2014 - January 2015
Project role:	junior iOS developer
Project team size:	2 developer
Project description:	Big retail network discount and promotions managing app
Tools and technologies:	Objective-C, MVC, AFNetworking, Firebase
Project name:	MIP Common Tools
Involvement duration:	July 2014 - November 2016
Project role:	junior iOS developer
Project team size:	8 developers
Project description:	A set of advertising and survey applications for Philip Morris International.
Tools and technologies:	Objective-C, MVC, Core Animation, Core Location, AVFoundation
Project name:	NymGuard
Involvement duration:	3 months
Project role:	main developer
Project team size:	2 developers, 1 QA and 1 PM
Project description:	<p>Fast and secure VPN app for iOS called NymGuard, paid subscription-based service, which offers its users advanced online security and complete Internet freedom.</p> <p>Packet tunnel provider - created custom VPN protocol.</p> <p>Network extension - Created and managed VPN configurations, used the built-in VPN protocols.</p>
Tools and technologies:	UIKit, Networking Extensions + InApp Purchases, Rest,Packet Tunnel Providers, and Web sockets.