

MYKHAILO DOVHYI

Kyiv, Ukraine | github.com/mishadovhiy | apps.apple.com/developer/id1511515116
mishadovhiy.com | developer@mishadovhiy.com

SUMMARY

Swift Developer with 4.5 years of commercial experience in iOS development. Created several projects from scratch as a solo iOS Developer, in a cross-platform team, and in a team of iOS Developers. Have created several pet projects for the AppStore (over 8 apps), including **Video Editor**, **AI Meal Calendar apps**, **Puzzle Game**, and more with WidgetKit, WatchKit, RealityKit, CoreML, CoreGraphics, PDFKit

Proven track record in integrating APIs, deploying apps to the App Store, bugfixing. Ensuring clean and reusable code that easily scales and readable for the team. Deep understanding in Memory management and multithreading. Additionally, have 2 years of commercial experience in Front-End web development, building REST API with NodeJS, PHP and MySQL database.

SKILLS AND ABILITIES

Languages: Swift (4), Objective C (1), TypeScript (1), JavaScript (2), PHP (1), SQL (1)

iOS SDK: - **Core iOS Development:** UIKit (4), SwiftUI (2), Concurrency (async/await, GCD), CoreData, Combine, RxSwift, Local Authentication (FaceID/TouchID), Remote Notifications, Cocoa Touch, StoreKit (in-app purchases), App Group, Cocoa (0.5), AppKit

- **Graphics, Animation, Video:** AVFoundation (1.5), CoreGraphics, CoreAnimation, PDFKit, CoreText, SpriteKit (1), SceneKit (0.4), RealityKit (0.8), PencilKit
- **Machine Learning, Connection:** CreateML, CoreML, Vision, MapKit, WebKit, CoreBluetooth
- **Apple Watch, Widgets and Specialized Technologies:** WatchKit, WidgetKit, App Intents, WatchConnectivity, HealthKit, CoreMotion

Data Storage: FileManager, CoreData, CloudKit, UserDefaults, FirebaseFirestore, Keychain

Interface: SwiftUI, Storyboards, XIB, Code driven UI with UIKit, AutoLayout, IBInspectable, Texture

Networking and Integrations: RESTful API, WebRTC, Soap, MySQL, JSON, XML, Protocol Buffers, Codable, deeplinks

Back-End development: Node.js, PHP, MySQL

Architectural patterns: MVVM+C, VIPER, MVP, Clean Swift, OOP principles, DRY, SOLID, MVC

Distribution, Testing: App Store, Enterprise (.ipa), TestFlight, XCTest, Unit Tests, Provisioning profile, Code signing, Jenkins

Version Control: git, gitlab, bitbucket

3rd party libraries integration: CocoaPods, Swift Packages: integration & creation, gcloud Services API, OpenAI, Firebase, GoogleMobileAds, FacebookSDK, Lottie, Alamofire, SnapKit, AppsFlyer, mixpanel

Tools: Xcode Instruments, Debug view hierarchy, Git, Terminal, Sketch/Figma, Sourcetree, FileZilla, SublimeText, Mamp, Trello, Jira, Android Studio, SoapU, Postman, Reality Converter

PORTFOLIO

Meal Calendar AI - apps.apple.com/ua/app/id6736599453

OpenAI and Food Advisor APIs for getting calories and nutrition information about the ingredients, from Image or Text. Created backend for API integration with NodeJS, and managing MySQL database with PHP, hosting user's image with PHP. Client written with SwiftUI. Form-data content type for API requests

Video Editor App - apps.apple.com/app/id6479946692 / github.com/mishadovhiy/videoEditor

Features: Add on video: text, image, sound, filter or merge videos. Declarative UI

- UIKit, AVFoundation, SOLID, OOP, FileManager, CIFilter, CoreGraphics, CoreAnimation, async/await, MVVM-C

WORK EXPERIENCE

Rimone Holding – Remote (part-time contract) - iOS Developer

May 2024 – Present

- Creating API Requests, NodeJS, MySQL
- Created application from scratch, to generate collages from stored images in FileManager
- Created Framework to add subtitles to the video, for Flutter project, with AVFoundation
- Supporting applications, bug fixing, implemented Keychain, admob, gCloud safesearch, firebase database integration for projects:

1. apps.apple.com/ua/app/ai-tattoo-generator-design/id6471490412

2. apps.apple.com/ua/app/fantasy-ai-character-chat/id6468505908 , and more

UIKit, AppGroup, AVFoundation for video editing, OpenAI, Admob, Keychain, FileManager, FireBase DataBase, Keychain, StoreKit, Remote Notifications, adMob, gCloud Services API, form-data body

Engenious – Remote (contract) - iOS Developer

Jan 2024 – Mar 2024

apps.apple.com/ua/app/gochamp/id6448703105

Bugfixing, refactoring, supporting daily sport planner app with video tutorials. Cross-platform team as Solo iOS Developer

- Published to the AppStore
- Rewrote app interface from Storyboards, xibs to code driven UI (UIKit). Integrated with: StoreKit Subscriptions, Keychain, AuthenticationServices, Google API, Facebook API, RESTful API integration, MVVM-C

Black Rock South – Remote (full-time) - iOS developer

Jun 2022 - Oct 2023

mishadovhiy.com/#rocks

- As a solo iOS Developer, created iGaming social media app and messenger app by designs from Figma
- Collaborated closely with a cross-platform team to ensure iOS application behaves and looks the same on all platforms
- Integrated WebRTC for online chat app
- Integrated communication between JavaScript and Swift
- Shared design and animation ideas with the team, created declarative interface and reusable components with UIKit

UIKit, SwiftUI, WebRTC, Remote Notifications, integrating API (Protobuf), Combine, creating reusable UI, deeplinks, SpriteKit, CoreAnimation, CoreData, Keychain, ReactNative, bridge JavaScript and Swift, MVVM-C, SOLID, DRY

Exellio – Kyiv, Ukraine (full-time) - iOS Developer

Feb 2020 - Mar 2022

- Supported POS application for iPad, integrated new features, bugfixing
 - Solo created and designed application for inventarisation for company Porsche, application connects with Bluetooth to the barcode scanner, credit card reader, fiscal printer, weights
- UIKit, Objective-C, SwiftUI, RESTful API, Soap, CoreBluetooth, CloudKit, Keychain, StoreKit, MVC

EDUCATION

Kyiv University of Tourism, Economics and Law, Kyiv, Ukraine

2013-2017

Bachelor's degree - Management

CONTACT INFORMATION

Email: developer@mishadovhiy.com

Website: mishadovhiy.com

AppStore: apps.apple.com/developer/id1511515116

Github: github.com/mishadovhiy

LinkedIn: linkedin.com/in/mishadovhiy/

Phone number: + 38 093 546 25 78