Yehor H.
Senior iOS Developer

SUMMARY

- Over 5 years of diverse experience in IT and expertise in Swift and various iOS frameworks in various fields (Social Chats/Communication, online language learning, healthcare, food & delivery). - Basic experience with network protocols & vpn (several months projects) - Available ASAP (Deferment from mobilisation till summer 2026) - C1 English

TECHNICAL SKILLS

Main Technical Skills	Swift (5 yr.), UIKit (5 yr.), SwiftUI
Programming Languages	Swift (5 yr.)
C++ Libraries and Tools	C/C++/C#
Mobile Frameworks and Libraries	Crashlytics
Java Libraries and Tools	JSON
Data Analysis and Visualization Technologies	Databricks, Google Spreadsheets
Databases & Management Systems / ORM	Firebase Realtime Database, MySQL, NoSQL, Realm, SQLite
Azure Cloud Services	Databricks
Google Cloud Platform	Firebase Realtime Database
Methodologies, Paradigms and Patterns	Agile, Kanban, Scrum, Waterfall
iOS Libraries and Tools	Alamofire, Core Animation, Core Location, NWProtocolWebSocket, Packet Tunnel Provider, SwiftUI, UIKit (5 yr.), URLSession
SDK / API and Integrations	Facebook API, RESTful API
Platforms	Fastlane
Project Management & Administration	MVP
QA, Test Automation, Security	Unit Testing, XCTest
	WebSockets

Mail / Network Protocols / Data transfer	
Other Technical Skills	GCD, MVVM+Rx, OOP/MVC, RACI matrix

WORK EXPERIENCE

iOS Developer, Social & Security App

Duration: Dec 2023 – Jul 2024
Summary: The NEO messenger application focuses on a high level of security with two layers of encryption and PIN code account access, accompanied by flexible data storage settings.
Responsibilities: Led the successful implementation and overhaul of project architecture, enhanced efficiency and scalability, conducted a thorough analysis of MatrixSDK, and executed feature development, code optimization, and bug fixing.
Technologies: Swift, Matrix SDK, Firebase, KeychainSwift, UIKit, CoreData, SnapKit, SwiftLint, URLSession, async/await

iOS Developer, VPN & Network Security

Duration: Aug 2023 – Dec 2023
Summary: This project involves the development of a highly secure VPN client application designed for both individual and enterprise users. The application leverages the Packet Tunnel Provider to intercept and secure network traffic, ensuring end-to-end encryption. It also utilizes NWProtocolWebSocket for maintaining real-time communication between the client and the server, providing a seamless and secure user experience.
Responsibilities: Developed and integrated the VPN client, architected application scalability, implemented user authentication and data encryption, and conducted application testing and debugging.
Technologies: Swift, Packet Tunnel Provider, NWProtocolWebSocket, Network Extension, UIKit, URLSession, Keychain, SwiftLint, async/await

iOS Developer, English App

Duration: Mar 2023 – Jul 2023
Summary: An app designed to assess English proficiency, featuring a diverse task 'bank' and reporting capabilities, with a scalable and easily updatable test database.
Responsibilities: Spearheaded full-cycle mobile app development, refactoring for performance and scalability, and implemented AppStore deployment.
Technologies: Swift, SwiftUI, MVVM, Combine, FirebaseAPI

iOS Developer, Healthcare

Duration: Nov 2022 – Feb 2023
Summary: A medical app providing appointment scheduling, medication tracking, mental health resources, and mental exercise games.
Responsibilities: Implemented UIs, developed a robust Network Layer, and participated in full-spectrum development from feature implementation to bug fixing.
Technologies: Swift, UIKit, SpriteKit, Networking, AVFoundation, Multithreading, Core Animation, MVP, CocoaPods, Autolayouts, Storyboard, GCD, URLSessions, UserDefaults, CoreImage, Apollo, Twilio

iOS Developer, Food & Delivery

Duration: Jun 2021 – Oct 2022
Summary: A platform for online purchase and delivery from local alcohol markets, with user personal accounts, product reviews, and favorites list.
Responsibilities: Crafted Swift codebase, led project refactoring for maintainability, implemented features and navigation logic, and worked with network integration.
Technologies: Swift, UIKit, Moya, Realm, MVP+Router+Adapter, UserDefaults, CocoaPods, SourceTree, Express, MongoDB, Cypress

iOS Developer, Social Application

Duration: Jan 2021 – May 2021
Summary: Internal iOS SDK development including chat and video call functionality, with a demo application showcasing these capabilities.
Responsibilities: Established application and SDK architecture, implemented chat and WebRTC features, and refined UI and bug fixes.
Technologies: Swift, Firebase SDK, WebRTC, UIKit, MessageKit, CallKit

iOS Developer, E-commerce

Duration: May 2020 – Dec 2020
Summary: An app for managing group events and expenses, allowing members to track spending and settle financial contributions efficiently.
Responsibilities: Established application architecture, developed navigation logic and bespoke animations, and integrated network communication.
Technologies: Swift, Core Animation, BaaS, Core Data, Networking, MVC, UIKit, Multithreading

iOS Developer, E-commerce

Duration: Jan 2020 – Apr 2020
Summary: An application for purchasing and managing tickets and vouchers for events and retail discounts, including a map feature and QR code scanning.
Responsibilities: Led UI implementation, optimized Swift codebase, and managed App Store delivery and feature implementation.
Technologies: Swift, UIKit, MapKit, AVFoundation, Core Graphics, Core Animation, Jira, SourceTree

iOS Developer, Music Player

Duration: Sep 2019 – Dec 2019
Summary: An iOS music player built on AudioKit with a focus on speed, lightness, and design, featuring a visual equalizer and user-friendly API.
Responsibilities: Developed a music player application, focusing on a simple and intuitive design with a two-channel visual equalizer.
Technologies: Swift, AudioKit, AVKit, MediaPlayer

iOS Developer, Under NDA

Duration: Apr 2019 – Aug 2019
Summary: An ePOS system for airline crews to manage in-flight sales with offline capabilities and server communication for post-flight data processing.
Responsibilities: Coded efficiently in Swift, led project refactoring for performance optimization and managed app deployment and feature implementation.
Technologies: Swift, UIKit, MVP, URLSession, UserDefaults, CocoaPods, SourceTree, GitLab, PromiseKit

EDUCATION

- **V. N. Karazin Kharkiv National University**
  Master's degree in System Engineering and Computer Science