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IOS Developer

About me

I am hearing impaired, but if that doesn't bother you, we'll get along just fine. Otherwise, move on — I don't work with idiots.

Work experience

IOS Developer · Route One Group · Chişinău

April 2023 - May 2025 · 2 years 1 month

Expert iOS Developer | Route One ELD

- Led end-to-end development of FMCSA-compliant ELD solutions, including a custom HOS (Hours of Service) calculator with real-time violation checks, legal editing workflows, and unit testing to ensure adherence to strict federal regulations.
- Engineered ELD selection and device-linking features using CoreBluetooth (BLE), enabling seamless integration with industry-standard hardware and improving driver onboarding efficiency by 40%.
- Architected a custom iOS SDK for iOS to replace a bug-prone third-party solution, resolving critical stability issues and enhancing GPS/vehicle-tracking performance for 10,000+ fleet drivers.
- Pioneered background processing capabilities for real-time GPS tracking and vehicle monitoring, ensuring compliance with FMCSA mandates even in low-connectivity environments.
- Designed a driver-centric UX/UI with SwiftUI/UIKit, including a Picture-in-Picture (PIP) overlay for HOS data visibility and workflow optimizations that reduced driver task completion time by 25%.
- Built a scalable iOS app using Clean Architecture, with offline-first support, RESTful API integrations, and crash-resistant background tasks to minimize disruptions for commercial drivers.
- Leveraged iOS/PT-30 SDK expertise to enhance telematics data accuracy and integrated Crashlytics for real-time crash analytics, reducing troubleshooting resolution time by 30%.
- Drove data-driven insights through OpenSearch/Kibana analytics and driver behavior monitoring, enabling fleets to optimize safety and compliance outcomes.

Key Technologies: Swift, SwiftUI, UIKit, Clean architecture, CoreBluetooth, Core Location, AVKit (PIP), iOS SDK, PT-30 SDK, RESTful APIs, OpenSearch/Kibana analytics, Crashlytics.

Skills: Data Analytics (OpenSearch), AVKit (Picture-in-Picture), UI Design, Mobile UX, Crash Analytics (Crashlytics), Unit Testing,

👤 31 years

♂ Male

📍 Chişinău

💰 3 500 EUR

in

TOP Skills

- **Swift** · 14 years
- **IOS Development** · 14 years
- **App Store Deployment** · 10 years
- **Objective-C** · 10 years
- **SwiftUI** · 10 years
- **RxSwift** · 8 years

Preferences

- Full-time
- Part-time
- In shifts
- No schedule
- Flexible
- In-house
- Hybrid
- Remote
- Mobile work

Languages

- **Romanian** · Elementary
- **Russian** · Native
- **English** · Medium

Skills

- Self-Organization
- Project Planning
- Product Management
- Hard Work and Dedication
- Team Working

Driving licence

Category: B

With personal auto

Offline-First Mobile Design, RESTful API Integration, Custom SDK Development, HOS (Hours of Service) Regulations, FMCSA Compliance, Vehicle Telematics, Real-Time GPS Tracking, Background Processing, Core Location, CoreBluetooth (BLE), Clean Architecture, UIKit, SwiftUI, Swift, IOS Development

IOS Developer · Appcake · Remote

December 2021 - March 2023 · 1 year 3 months

- Developed a translation app (text, voice, ocr) using MVVM-C+Rx and Firebase services, Google Cloud/Apple recognition services, Protocol buffers, SwiftUI in custom extensions - Widgets, Keyboard, RxSwift, SnapKit, R.swift, Realm, Lottie, Cocoapods/SPM dependencies
- Developed a bluetooth chat app with p2p transfers using MVVM-C+Rx, Firebase services, Networking framework, Kalman filtering, RxSwift, SnapKit, R.swift, Realm, Lottie, Chat layout, Cocoapods/SPM dependencies
- Developed a user geolocation finding and chat app with Client/Server API, Websocket API, Apple Push Notification service, Google/Apple Sign, Firebase services, Google Maps services, Alamofire, RxSwift, SnapKit, R.swift, Realm, Chat layout, Cocoapods/SPM dependencies
- Studied Websocket API and wrote API flow for client/server team
- Studied Twilio API and wrote API flow for client/server team for a video children surveillance control and recording phone conversation call
- Developed a countdown timer widgets app using MVVM-C+Rx, Firebase services, RxSwift, SnapKit, R.swift, Realm, Cocoapods/SPM dependencies
- Developed an Instagram cover generator using MVVM-C+Rx, Firebase services, RxSwift, SnapKit, R.swift, Realm, Stickers feature, Cocoapods/SPM dependencies
- Working on an AI GAN images generator using Client/Server API, Apple Push Notification service, Google/Apple Sign, Firebase services, Alamofire, RxSwift, SnapKit, R.swift, Realm, Cocoapods/SPM dependencies, and studying Dockers containers API and writing API flow for client/server team
- Fixed and supported several projects, wrote technical requirements, and supported small foreign teams
- Developed VPN client used on OpenVPN/Wireguard protocol
- Performed reverse engineering and reference/competitor analysis
- Analyzed candidates' CVs, listened to technical interviews, and wrote candidate experience reports

Skills: Competitor Analysis, Reverse Engineering, WireGuard Protocols, OpenVPN, Twilio API, API Design, Server, Client, Kalman Filtering, Keyboard, Widgets, App Extensions, Swift Package Manager (SPM), CocoaPods, Lottie Animations, Swift, R, SnapKit, Alamofire, Realm Database, Protocol Buffers, Speech, OCR, Apple Recognition Services, Google Cloud Vision, FCM, Apple Push Notification Service, Restful APIs, WebSocket, Push Notifications, Geolocation & Maps Integration, P2P Transfers, Bluetooth Communication, Firebase Services, RxSwift, MVVM-C Architecture, UIKit, SwiftUI, Swift, IOS Development

IOS Developer · Langly · Chişinău

January 2015 - December 2021 · 6 years 11 months

- created pipelines in Azure DevOps (CI/CD, Fastlane)
- focused on business apps (scan, recognize (OCR) and translate of documents, images, voice recorders and recognizers for both iOS/Android platforms), for example
<https://apps.apple.com/us/app/translate-photo-scan-camera/id896187714> (Refactoring, UX/UI, MVVM+Coordinators+Reactive extensions)
<https://itunes.apple.com/us/app/scan-translate-text-grabber/id845139175> (Refactoring, UX/UI, MVVM+Coordinators+Reactive extensions)
<https://apps.apple.com/us/app/widget-screen-magic-wallpaper/id1536127515> (SwiftUI+Combine)
<https://apps.apple.com/us/developer/musqogee-ltd/id1439167829> (Maintenance)
<https://play.google.com/store/apps/details?id=com.datacomprojects.scanandtranslate> (NDK libraries)
- created the guided apps for exhibitions (da vinci, egypt)
- used to work with deep neural networks (fintech, r&d)
- Some R&D: Music Analysis & Predicting
- Photo Math (OCR)
- Fullstack Project Inhouse Ads (Golang/Angular/iOS-framework)
- Chatbot-constructor (NLP)

Skills: Photo Math & Image Processing Algorithms, Exhibition & Interactive App Development, R&D in AI and Machine Learning, Chatbot Development, IOS Frameworks, Angular, Golang, Full-stack Development, Music Analysis & Signal Processing, Natural Language Processing (NLP), Deep Neuralworks, Net, Today Extensions, Widget Development, C++, C, NDK Libraries, Refactoring Large Codebases, UI, UX, User Interface Design, App Store Deployment, Fastlane, CI CD Pipelines, CD, CI, Azure DevOps, Translation Apps & Workflows, Cross-Platform Development, Image & Voice Recognition, Document Scanning & Conversion (PDF), Optical Character Recognition (OCR), ReactiveSwift, RxSwift, Reactive Programming, Coordinators Pattern, MVVM Architecture, Combine Framework, SwiftUI, Objective-C, Swift, IOS Development

IOS Developer · Softintercom · Chişinău

January 2011 - January 2015 · 4 years 1 month

- started as a iOS-developer, created the various apps (document readers, voice recorders, music players, music downloaders, etc.)
- created music recognition app (SoundCatcher, <http://mysoundcatcher.com/>)

Skills: Version Control (Git), Debugging & Performance Optimisation, Data Parsing & Management, Slient-Server Communication, UX UI Implementation, Third-party API Integration, App Store Deployment, Mobile App Architecture, Music Recognition Technology, Music Player Development, Audio Signal Processing, Voice Recording & Playback, Document

Desired industries

- IT, Tech
- Engineering
- Production

Education: Higher

Technical University of Moldova

Graduated in: 2010

Faculty: Industrial Design

Speciality: Master's degree

Technical University of Moldova

Graduated in: 2008

Faculty: Industrial Design

Speciality: Bachelor's degree

Courses, trainings

Coursera - Various Courses (iOS, Flutter, Backend, AI, Product Management, UX/UI)

Currently studying

Organizer: Coursera