

Maksim Ermolaev

iOS Developer, 8+ years experience

📞 +66 96 159 3212 | ✉ ermolaevm22@gmail.com | 📍 Bangkok, Thailand

🌐 LinkedIn | 🐙 GitHub

ABOUT

iOS developer with **8 years** of commercial experience, working in teams ranging from **2 to 20 members**, both remotely and on-site. Have **3 years** of **team-leading** experience. Built **full cycle of development**: from gathering product owner requirements to establishing fully automated release process with high test coverage, detailed analytics and CI/CD. Strong expertise in **SwiftUI**, **Swift Concurrency** and modern declarative UI patterns. Experienced in **modular architecture** using **Tuist** and **SPM** have successfully migrated large-scale projects to modular structure.

Hands-on experience with media and **real-time communication**: video and image processing, **VoIP calls**, and video streaming. Active in the developer community write **technical articles** and speak at **meetups**. Swift enthusiast beyond iOS actively use **Swift for backend** development with Vapor and explore its cross-platform potential.

Stay current with **AI development tools** and can build a full AI-assisted mobile app development cycle, from product mockups to simulator validation and release automation.

SKILLS

iOS : Swift, SwiftUI, UIKit, CoreData, SwiftData, Realm, SQLite, MVVM, MV, VIPER, Clean architecture, TCA, AVKit, HLS, XCTest, Swift Testing, VoIP, BLE, FoundationModels

Others : Fastlane, CocoaPods, Tuist, SPM, SwiftLint, Sourcery, Git, Figma, Notion, Jira, Claude Code, Codex, Cursor

EXPERIENCE

Winrate

Dec. 2024 – Present

Founder, Senior iOS Developer

Bangkok, Thailand

Winrate – trading analytics platform for cryptocurrency exchanges with widgets and premium subscriptions

- Founded and developed a backend + mobile trading analytics platform for connecting to cryptocurrency exchanges, using Vapor on the backend, SwiftUI on iOS, and Skip for Android
- Integrated Bybit exchange data and designed highreliability realtime data flows for futures trading analytics
- Built an analytics system with interactive charts, trading metrics, and position history to help users evaluate trading performance
- Integrated paid subscriptions with RevenueCat, including premium feature access and subscription state handling
- Designed and implemented modular SwiftUI architecture with Swift Concurrency, improving codebase maintainability and enabling rapid feature delivery
- Built endtoend CI/CD with Fastlane and GitLab: automated builds, tests, and App Store releases with secure handling of API keys and secrets
- *Technologies*: Swift, SwiftUI, Swift Concurrency, Vapor, Skip, SPM, Fastlane, GitLab CI, RevenueCat

HANRO

Oct. 2023 – Dec. 2024

Senior iOS Developer

Vorarlberg, Austria. Remote

HANRO – ecommerce app for premium underwear and loungewear

- Designed a modular iOS architecture for the HANRO ecommerce app, improving maintainability and enabling faster feature delivery
- Developed a product catalog with filtering, categories, and product detail flows for a smoother shopping experience
- Built shopping cart and payment system flows, integrating checkout logic and order state handling
- Optimized catalog and checkout performance, reducing key screen load time by 30%
- Collaborated with designers and backend team to deliver highquality UI, analytics integration, and A/B experiments
- *Technologies*: Swift, SwiftUI, UIKit, SPM, Analytics SDKs

Ninetales
iOS Developer

Sep. 2020 – Oct. 2023
Moscow, Russia. Remote

Ninetales – app for creating beautiful Instagram posts, reels, and stories

- Built an image editor with filters, stickers, and collage functionality for creating onbrand content
- Developed a post scheduler with calendar integration to plan and automate Instagram publishing
- Implemented Instagram authorization via API for secure account connection and content publishing
- Created a reels editor to combine multiple videos and photos with music, merging them into a single video ready for posting
- *Technologies:* UIKit, CoreImage, AVKit, Photos, Instagram API

Good Line (E-Light-Telecom)
Senior iOS Developer

Dec. 2016 – Sep. 2020
Kemerovo, Russia

KusbassOnline – government platform for cityresident communication

- Led full application refactoring: migrated from UIKit to SwiftUI and moved from a monolith to modular architecture using Tuist
- Implemented unit test coverage with XCTest and integrated the suite into CI to prevent regressions
- Built features with maps and geolocation for issue reporting and city services
- Set up CI pipeline for automated builds and quality checks
- Increased crashfree users rate from 87.6% to 98.2% in production
- *Technologies:* SwiftUI, UIKit, Tuist, XCTest, MapKit, CoreLocation

LinkVideo – video surveillance platform for residential areas

- Worked with video streaming protocols (RTSP/HLS) to deliver reliable live video from IPcameras
- Developed a custom video player for live streaming with controls tuned for lowlatency playback
- Built a dynamic video timeline with motion detection markers for quick navigation through recordings
- Implemented a VoIP telephony module using Linphone, PushKit, and CallKit for doorphone calls
- *Technologies:* AVFoundation, RTSP, HLS, Linphone, PushKit, CallKit

EDUCATION

POLYTECHNIC UNIVERSITY
Bachelor's degree in Information Systems and Technologies

2012 – 2016
Kemerovo, Russia

- **Coursework:** Information Systems Design, Databases, Algorithms and Data Structures, Software Engineering, Computer Networks
- **Focus:** software development, database-backed applications, and applied information systems