

# Dmitry Petrov

iOS developer

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iOS Developer with 8 years of experience delivering high-performance, business-focused mobile solutions. Developed a top-5 Finance app on the App Store and currently working on a high-load IPTV application. Mentored three junior developers, enhancing team productivity. Strong team player with a focus on aligning technical work with business goals for seamless user experiences.

## Skills

### Frameworks

RxSwift, Combine, SwiftUI, UIKit, SnapKit, Alamofire/Moya, WebSockets/GraphQL, Firebase

### Cartography

MapKit, GoogleMaps, YandexMaps, CoreLocation

### Architectures

MVVM+C, MV\*, VIPER

### Databases

Realm

### CI/CD

GitLab, Fastlane

### Other

Charles, Postman, Proxyman, Figma, MCU (AVR, PIC, SMT32)

## Languages

Russian - native  
English - B2  
Chinese - A2

## Recent work experience

2022 - Present · **Senior iOS developer**  
at ER-Telecom, Perm, Russia

- Migrated IPTV app from a combined architecture to SwiftUI + Combine, reduced codebase size by 90%.
- Updated dependencies from 8-year-old legacy code to the latest versions.
- Integrated 3 types of analytics for various purposes using Firebase, Yandex Metrica, and custom solutions.
- Contributed to the development of two custom streaming players with PiP functionality, DRM content protection.
- Enhanced the responsiveness and informativeness of EPG on UIKit and WebSockets leading to an improved user experience.
- Led end-to-end Siri integration from scratch, owning the complete user flow and feature delivery.
- Developed an MVP application for tvOS.
- Rapidly developed new features to ensure compliance with telecommunications regulatory requirements.
- Introduced UI testing into workflows and created UI tests for EPG and authentication.
- Added card payment integration using bank API, coordinated with Apple to resolve issues, enabling the feature, which increased sales 2x.

2020 - 2022 · **Middle iOS developer**  
at Mad Brains, Ulyanovsk, Russia

Used MVVM+C, UIKit, RxSwift, Alamofire while working on 8 projects across various industries as an external contractor:

- As part of a 2 person team, developed a complete *banking* app for legal entities. The app remained in the Top 5 of the Finance category on the App Store for 2 months.
- Created an SDK and demo app for internal use at a *telecom* company, and mentored 3 junior developers throughout the project.
- Implemented 10+ functionalities for a *joint budget* app, including authorization (with Apple Biometry integration), user profile, guest mode, chat, piggy banks, groups, and archive.
- Executed a comprehensive rebranding of a car services network, leading the app redesign and implementing key features such as a discount system, push notifications, Facebook integration, and online booking. Optimized business processes to ensure project success.
- Designed 5 features — cart, wishlist, products, options, and routing — to an *e-commerce* app.
- Refactored a *leasing* app, reintegrated an SDK for document recognition, rebuilt business processes, and fixed 50+ bugs, including notifications issues.
- Redesigned 5 screens and resolved 50+ bugs from user's tickets for the insurance company app.
- Added 14 screens and 30+ features, and set up custom notifications for a *food delivery* app.

2018 - 2019 · **Junior iOS developer**  
at Blogman, Orenburg, Russia

- As part of the product development team, implemented 50+ features for messaging on WebSockets, calls, and notifications using Viper, UIKit, Realm, and Alamofire.

## Education

2016 – 2018 · **Management and IT in technical systems**  
Orenburg State University (OSU). Master's degree

2012 – 2016 · **Informatics and Computer Engineering**  
Institute of Risk Management and Integrated Security of OrenSAU. Bachelor's degree