Marat Saytakov, Senior iOS Software Engineer

SUMMARY

- iOS and macOS software Research & Development
- source code & software architecture review
- CI/CD, code signing & production certificates audit
- 8+ years in #C, #Objective-C, #Swift, && #Go

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networks	GitHub ~~LinkedIn~~

WORK EXPERIENCE

QIWI Blockchain Technologies (QBT) · qiwi.tech · Oct. 2018–May 2020

iOS Crypto R&D Consulting in utilizing of Streebog-256 cryptography right on the iPhone. Public and private key generation, iOS security keychain storage and hashing.

Implemented transaction signing using custom ECDSA for an Ethereum blockchain's fork. Developed a native macOS Finder Extension for the Electron app.

Ford Models · newbookmodels.com · Aug. 2016–Apr. 2018 · iOS Team Leader

Digital transformation for a traditional modeling agency business. The app includes booking system, payment gate, geo location, blogging platform.

I was leading a team of 6 mobile developers (in-office and remote). Architected app transformation, reduced unnecessary meetings, speed up team performance up to 50%.

Reduced CI building time from 60 to 10 minutes: reduced monthly cost. Automated deployment; set up nightly builds for a QA team's Appium tests.

Paste · pasteapp.me · 2015 · iOS Developer

The world's favorite clipboard time machine for Mac, iPhone and iPad.

I was working on the data synchronization engine for both of macOS and iOS apps.

Luuk Pro · luuk.com · Oct. 2014–Sep. 2015 · Lead iOS Developer

iOS app for beauty shops booking system in Moscow. App Store award: App of the Day. The app includes map, geo location, schedules, booking system, payment gate, photo gallery, booking confirmation tracking.

I architected and developed the whole app: a rich map UI where everything else is scrolling up and down at 60 FPS. 30k installs in first month; 99% crash-free rate.

RocketBank · rocketbank.ru · Sep. 2013–Sep. 2014 · iOS Developer

Simple and powerful future of banking. The app is the only way to communicate with the bank, see recent transactions, request documents, transfer funds, pay for public utilities.

I was working on all the main features of the app, and especially: reinvented Hot Deals experience—which was copied then by all the competitors.

Designed and developed a separate iOS MVP app for card-to-card transfers.

AIC · aic.ru · Aug. 2012 … Aug. 2013 · iOS Developer

I was working on the Money Inc app prototype—discovering amazing modern ways to manage banking accounts together with the experts of this UI design studio. Archived.

S I D E   P R O J E C T S

Numpad for Mac · Mac App Store

The only 5-star FaceTime Dialer for Mac.

Chars · chars.app · App Store

I developed Chars—a delightful and easy-to-use note-taking app for quickly writing down your thoughts. Then sharing, tweeting, or using in the way you want.

There is a built-in system-wide keyboard extension full of special Unicode characters.

Rating Stars · m4rr.ru/stars · App Store

App to rate current playing song right on the Apple Watch or your iPhone.

Moscow Metro Wi-Fi Auth · m4rr.ru/mauth · App Store · GitHub

App bypassing captive portal. 81k installs, 70% retention rate. No ads, no tracking.

Easy Percent X · App Store

Percent calculator written in Objective-C. 640 KB total binary size. 250 μs startup time.

Money Bot · GitHub · Telegram

Open source, Docker-containered bot written in Ruby. If added to a group chat, looking for any message containing price and currency, and the converts that to the opposite currency. Running with an Open Exchange Rates token. Collects nothing.

P U B L I C   A C T I V I T Y

Speaker @ Moscow Coding School · moscoding.ru/swift · 2015

Speaker @ CocoaHeads Moscow iOS/macOS developers community · since 2014

Code Mentor, covering Swift, C, Objective-C, and Xcode expertise · codementor.io/m4rr

Contributing to Apple Swift on GitHub · github.com/apple/swift

Writing Thoughts on Computers & Development on Medium

E D U C A T I O N

Moscow State University of Cybernetics (MIREA) · 2007–2012 · GPA: 4.2 · Anabin

Master of Science in Information Systems (MSIS). Thesis: "Information measuring system for children nutrition monitoring."

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