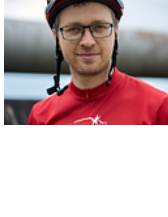


# Ivan Zezyulya



## iOS Developer

Omsk, Russia (UTC+6)

Links:

- GitHub: <https://github.com/ivanzoid>
- StackOverflow: [https://stackoverflow.com/story/ivan\\_zezyulya](https://stackoverflow.com/story/ivan_zezyulya)
- LinkedIn: <https://www.linkedin.com/in/ivanzezyulya/>
- Telegram: <http://t.me/ivanzoid>
- VK: <https://vk.com/ivanzoid>
- Blog: <http://zoid.cc>
- CV (this one): <https://github.com/ivanzoid/cv> or <https://ivanzoid.github.io/cv/>

## About

12 years of software development (9 years in iOS).

I worked on numerous iOS projects, some successful (thousands and millions of users), some not so much.

- Love good architecture and clear naming of things
- I prefer to not create complexity when it's not needed (but do it when it is)
- Like new technologies but prefer to wait when they become stable
- Can propose new features/solutions for business, estimate and write docs for them, implement, test and deploy
- Could lead a small team of developers (gathering information, preparing tasks, code review)
- Love automation (could it be CI/CD, or local scripts or code generation) when it saves time/resources
- Have backend development experience (Go/Python/PHP), which helps me to understand overall product architecture and communicate with backend team

## Tech Stack

- **iOS:**
  - Swift, Objective-C, MVVM
  - *System frameworks:* AVFoundation (video conversion/merging/cutting), AddressBook (contact list), AudioToolbox (low-level audio playback), AutoLayout, CFNetwork (low-level networking), CoreAnimation (QuartzCore, advanced animations), CoreData, CoreGraphics (manual drawing), CoreLocation, CoreMotion (implementing AR before ARKit), CoreTelephony (determining cellular network type), EventKit (adding/reading events in calendar), Grand Central Dispatch, MapKit, Metal, Photos, Push Notifications, Security (interacting with Keychain), Social, SQLite, StoreKit (in-app purchases), UIKit, UIKit Dynamics, UserNotifications, WebKit, XCTest
  - *Libs/frameworks:* AWS SDK, Bugfender SDK, Firebase/Google Analytics, Google protobuf, Lottie, MagicalRecord, OpenAPI (Swagger), R.swift, Realm, RxSwift/RxCocoa, Quick/Nimble, Sentry API, SnapKit, SoundCloud API, SwiftLint, TestFlight, Youtube API
  - *CI:* Circle CI
  - *Automation:* CocoaPods, fastlane
- **Backend:** Golang, General Linux/Unix command-line experience, Some Amazon AWS products (S3, EC2, DynamoDB, Redshift), PostgreSQL, MySQL, Python, PHP, bash, httpie, curl
- **Frontend:** JavaScript, CSS/HTML5, Django, JQuery
- **DevOps:** Ansible, Ubuntu Servier, Docker, rsync, scp, Let's Encrypt, nginx, MySQL, Postfix (+SPF/DKIM/DMARC)
- **C++:** C++11, STL, Qt, wxWidgets
- **Python:** Python3, TCP sockets, Django

## Employment history

Period	Description
Oct 2018 — Now	Senior iOS Developer at <a href="#">Effective</a>
Nov 2016 — Jun 2018	Senior iOS Developer at <a href="#">Loud &amp; Clear</a> (acquired by <a href="#">Avanade</a> )
Oct 2015 — Aug 2016	Senior iOS Developer at <a href="#">AppsQuick.ly</a>
Jan 2015 — Oct 2015	Software Architect (Mobile) at <a href="#">Thumbtack Technology/Lineate</a>
Jun 2012 — Dec 2014	Lead iOS Developer at <a href="#">Al Digit</a>
Jul 2011 — May 2012	Senior iOS Developer at <a href="#">Al Digit</a>
Jun 2010 — Jun 2011	iOS Developer at <a href="#">Al Digit</a>
May 2007 — May 2010	Desktop apps developer at <a href="#">Freelance</a>
Nov 2006 — Mar 2007	Software developer at <a href="#">ISS Art Ltd.</a>

## Education

Period	Description
2003 - 2007	Institute of Information Technologies and Applied Mathematics, Omsk State University
2000 - 2003	Physics and Mathematics Lyceum 64, Omsk

## Work examples (apps)

### • Vampr

*Social network for musicians.* In [Best of 2017](#) app list by Apple.  
3.5M+ connections as of Nov 2018.

<https://vampr.me>

<https://apps.apple.com/app/vampr/id1069819177>

*Responsibilities:*

- App architecture from ground up.
- Developed most app parts.
- Code review
- Continuous Integration

*Stack:* UIKit, UIKit Dynamics, MVC.



### • The Sun Dream Team FC

*Fantasy football app for English Premier League.*  
500K users/month after launch.

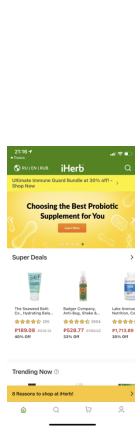
<https://www.dreamteamfc.com/c/>

<https://apps.apple.com/gb/app/dream-team-fantasy-football/id337710261>

*Responsibilities:*

- UI, Business logic and networking code
- Implemented player field screen in 3D using UIKit.

*Stack:* UIKit, VIPER, CoreData.



### • iHerb

*Mobile app for iHerb online store.*  
Participated in base stage of app development.

<https://apps.apple.com/app/iherb/id636609212>

*Responsibilities:*

- Base architecture
- Home screen UI
- Networking code.

*Stack:* UIKit, AFNetworking.



### • Interactive Display

*iPad demo stand application for some retail networks in US.*

*Responsibilities:*

- Implementing new features
- Unit tests.

*Stack:* Swift, MVVM, Storyboards, iPad, Realm, GCD/NSOperationQueue, RxSwift.



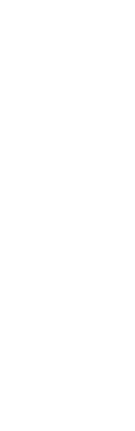
### • Mokka

*Finance service client.*  
<https://apps.apple.com/app/id1499342014>

*Responsibilities:*

- Implementing features.
- Code review
- Unit tests

*Stack:* Swift, MVVM, SnapKit, Repositories



### • Fernwood Fitness

*App for Australia's largest female fitness network, Fernwood Fitness.*  
<https://www.fernwoodfitness.com.au>

<https://apps.apple.com/au/app/fernwood/id1433822715>

*Responsibilities:* UI, Business logic and networking code.

*Stack:* UIKit, OpenApi 3.0.

### • Fisho

*Social network for fishers in Australia.*  
<https://www.fishoapp.com.au>

*Responsibilities:* UI, Business logic and networking code.

*Stack:* UIKit, CorePlot, VIPER, OpenApi 2.0 (Swagger)



### • Momatu

*App for organizing memories.*  
<https://apps.apple.com/us/app/momatu/id1313564080>

*Responsibilities:* UI, Business logic and networking code.

*Stack:* UIKit, UIKit Dynamics.

### • StartFX

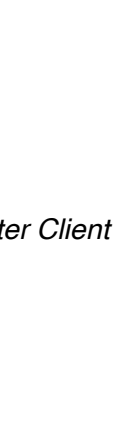
*Trading terminal app.*  
<https://apps.apple.com/us/app/startfx/id684181266>

*Responsibilities:*

- developing all networking code
- business logics for operations with deals (open/close/change)
- part of UI.

*Stack:*

- TCP sockets
- UIKit
- OpenGL (with custom shaders for graphs)
- CoreData
- GCD.



### • Nissan NI-PiK

*Application with cars' Gallery, Technical characteristics, List of colors, Compare to competitors, Register Client and other features for Nissan.*

<https://vimeo.com/43107303>

*Responsibilities:* adding features to application, fixing bugs

*Stack:* UIKit, SOAP, JSON

### • OwlCity Galaxy

*OwlCity Galaxy is feature-rich promo application for UK band "Owl City".*  
*It included: 3D Galaxy View, Comment system, Embedded music player, Lyrics & images for songs, OwlCity Calendar, Videos, List of your friends, Customize your planet, Integrated fan store.*

<https://www.facebook.com/owlcity/posts/new-version-of-the-owl-city-galaxy-iphone-app-available-now-install-the-latest-u/203513706370561/>

*Responsibilities:*

- Main developer

*Stack:*

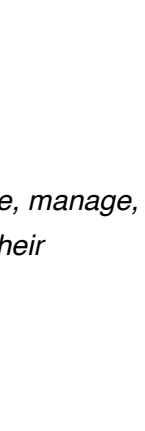
- SIO2 (3D Engine for iPhone/Android)
- XMPPFramework (XMPP/Jabber library for iOS)
- Urban Airship (Push notifications)
- ASIHttpRequest (networking)
- Twitter API
- Facebook SDK
- Google Calendar API
- Youtube API
- Airbrake (error reporting)
- SudzC (SOAP service wrappers generator)

### • Apartment search applications

*Series of applications (20+ apps) for real estate agencies in UK.*  
<https://apps.apple.com/us/app/henry-adams/id377862665>

*Responsibilities:* fixing bugs, improving application, adding features, implementing new applications for other agencies.

*Stack:* UIKit, CoreLocation, XML, MapKit.



List of clients/applications developed:

- [Aspire](#)
- [Bective Leslie March](#)
- [BELVOIR!](#)
- [Beresfords Estate Agents](#)
- [Chase Buchanan](#)
- [Colin Bibra](#)
- [Gascoigne Halman](#)
- [Henry Adams](#)
- [Icon Residential](#)
- [Lex Allan Estate Agents](#)
- [Life Residential](#)
- [Living Residential Estate](#)
- [Manning Stainton](#)
- [Michael Graham](#)
- [Morgan Randall](#)
- [Move Revolution](#)
- [Oliver's Town](#)
- [Parklane Properties](#)
- [The Property Lounge](#)
- [Walkers Estate Agents](#)
- [Waterfords](#)
- [Winchester Lettings](#)

### • Backend server for HAPOC game

*HAPOC is online multiplayer casual game for guessing words by first letters.*

<https://apps.apple.com/us/app/hapoc-human-animal-plant-object/id497325725?mt=8>

*Responsibilities:* develop from scratch server for iOS game Hapoc

*Stack:* Python 2.6, TCP sockets, Linux

### • Custody Connection

*Custody Connection is an easily viewable calendar, where parents can sync with each other to create, manage, trade days and view their custody schedule in one central location, anytime, anywhere they go with their iPhone, iTouch or iPad.*  
<https://apps.apple.com/us/app/custody-connection/id472605882>

*Responsibilities:* fixing bugs, adding new features

*Stack:* iOS: UIKit, CoreData, Calendar API; Server-side: C#, MS SQL Server

### • Hansel and Gretel

*Interactive book.*  
<https://apps.apple.com/us/app/hansel-gretel-childrens-interactive/id396998808>

*Responsibilities:* main developer

*Stack:* UIKit

### • Apartment Rentals

*Find apartments, codos and houses for rent with the ApartmentRentals.com mobile app. Search for properties nearby, filter by price, bathrooms and bedrooms. See pictures and floor plans, and contact listings by phone or by submitting a form from within the app.*

<https://apps.apple.com/us/app/apartment-rentals/id588135302>

*Responsibilities:* Implement most of the application

*Stack:* UIKit, WebKit, CoreLocation