

# Andrew Kabylin

[andrey@kabylin.ru](mailto:andrey@kabylin.ru) | [linkedin/sysint64](https://www.linkedin.com/in/sysint64/) | [telegram/@sys\\_int64](https://t.me/sys_int64) | [github/sysint64](https://github.com/sysint64) | [andrey.kabylin.ru](http://andrey.kabylin.ru)

## EDUCATION

### BSc. Telecommunications

Novosibirsk, Russia | Jun 2016

SIBERIAN STATE UNIVERSITY OF TELECOMMUNICATIONS AND INFORMATION SCIENCES

## SKILLS

**Languages:** Russian - Native; English - B2+; Japanese - N5

**Programming:** Dart, Rust, C, C++, Kotlin, Java, Go

**Paradigms:** Object Oriented Design, Data Oriented Design, Reactive Programming, Functional Programming

**Mobile:** Flutter, Native Android, Firebase

**Frontend:** Angular, JavaScript, TypeScript, HTML/CSS

**Backend:** Django with Python, Java/Kotlin with Vert.X

**Technology:** Git, Nginx, LaTeX, PostgreSQL

## WORK EXPERIENCE

### HOLLAND & BARRETT | MOBILE APPLICATION DEVELOPER

London (Remote) | May 2021 – Present

- Beyond 100 was consumed by H&B and I continued to work on a research project;
- Designed custom charts widgets with complex and beautiful animation;
- Worked as a Mobile Lead on a new project;
- Designed modular architecture to make it possible to use modules in a different mobile application without rewriting an copying existings features.

### LLC BEYOND100 | MOBILE APPLICATION DEVELOPER

London (Remote) | Oct 2020 – May 2021

- Worked on research project to help people improve health. Mobile application is written on **Flutter**;
- Improved debugging practices in a team;
- Designed debug services to help adjust configs, check different logs and other important information that can help localize problems.
- Improved existence mobile application architecture, to make applciation more rubust.

### LLC THE INVADERS | SOFTWARE ENGINEER

Novosibirsk | Oct 2014 - Oct - 2020

- Development of **Android** applications using **Java**, **Kotlin** or **Flutter**;
- Development backend **REST API** for different clients using **Python**, **Django**, **Java**, **Kotlin**, **Vert.x**;
- Configuration servers, **CI/CD** and development auto deployment scripts.

## PROJECTS

### TTM WALLET

DART, FLUTTER, C++, SWIFT, KOTLIN

TTM Wallet cryptocurrency wallet. It's a friendly user and convenient interface to keep and manage your digital assets.

**Responsibilities:** Mobile lead developer.

**Web site:** <https://ttmbank.com/key-wallet/>

**Android:** <https://play.google.com/store/apps/details?id=com.ttmbank.wallet.app>

**iOS:** <https://apps.apple.com/ru/app/ttm-wallet/id1540851562>

### STAFFJET

KOTLIN, NATIVE ANDROID

Staffjet is HRaaS-service for mass selection and hiring of personnel for non-specialized positions. (Kotlin)

**Responsibilities:** Android lead developer.

**Web site:** <https://staffjet.ru/>

**Android:** <https://apkpure.com/ru/staffjet-%E2%80%93-%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%B0-%D1%83-%D0%B4%D0%BE%D0%BC%D0%B0/ru.staffjet>

## HUMANIQ LITE

JAVA, NATIVE ANDROID

Humaniq is a simple and secure mobile bank.

**Responsibilities:** Senior android developer, chat core implementation.

**Web site:** <http://humaniq.com/>

**Android:** <https://apkpure.com/humaniq-free-secure-chat-crypto-wallet-app/com.humaniq-lite>

## RUSSPASS

DART, FLUTTER, FIREBASE

A tour guide mobile application.

**Responsibilities:** Flutter developer, core architecture.

**Web site:** <http://www.russpass.ru/>

**Android:** <https://play.google.com/store/apps/details?id=ru.russpass.tourist>

**iOS:** <https://apps.apple.com/ru/app/id1510365749>

## MOST

DART, FLUTTER, FIREBASE

Multiplatform system for on-the-go networking by Sales & BizDev reps.

**Responsibilities:** Flutter developer.

**Web site:** <https://most-app.com/>

**Android:** <https://play.google.com/store/apps/details?id=mostapp.pro>

**iOS:** <https://apps.apple.com/ru/app/most-wallet/id1491001441>

## RECYCLEROS MVP

KOTLIN, NATIVE ANDROID

It is a global solution for the problems of the recycling industry

**Responsibilities:** Android developer.

**Web site:** <https://troventum.com/>

Application hasn't published yet.

## RECYCLEROS MVP - DOCUMENT ENCRYPTION SERVICE

JAVA, VERT.X

Implemented microservice for document encryption and storing data in ethereum blockchain.

**Responsibilities:** Backend developer.

**Web site:** <https://troventum.com/>

## MONEY ZEBRA PROTOTYPE

KOTLIN, VERT.X, TYPESCRIPT, ANGULAR, PYTHON, DJANGO, ANSIBLE

Financial online auction.

**Responsibilities:** Full stack developer.

**Auction:** <https://au.zebra.money/>

**Web site:** <http://zebra.money/>

## STARATELI

JAVA, NATIVE ANDROID

It is a catalog of construction materials.

**Responsibilities:** Lead android developer.

**Android:** <https://play.google.com/store/apps/details?id=ru.starateli>

## REVENGEBET

JAVA, NATIVE ANDROID, PYTHON, DJANGO

Android application for sport forecasts.

**Responsibilities:** Full stack developer.

**Android:** [https://apkpure.com/nl/revengebet-sport-forecasts/com.revengebet\\_limited](https://apkpure.com/nl/revengebet-sport-forecasts/com.revengebet_limited)

## GORSITE

PYTHON, DJANGO

Platform for creating urban sites using multiple admin panels.

**Responsibilities:** Web developer

**Web site:** <https://gorsite.ru/>

## HUMANIQ PROTOTYPE

JAVA, NATIVE ANDROID, PYTHON, DJANGO

Humaniq is a simple and secure mobile bank.

**Responsibilities:** Full stack developer.

**Android source code:** <https://github.com/humaniq/humaniq-android>

## OPEN SOURCE PROJECT I'VE PARTICIPATED

### FLUTTER

DART

Flutter is Google's SDK for crafting beautiful, fast user experiences for mobile, web, and desktop from a single codebase. Flutter works with existing code, is used by developers and organizations around the world, and is free and open source.

GitHub: <https://github.com/flutter/flutter>

Pull requests: <https://github.com/flutter/flutter/pulls?q=is%3Apr+author%3Asysint64>

### DRUID

RUST

Data-first Rust-native UI toolkit.

GitHub: <https://github.com/linebender/druid>

Pull requests: <https://github.com/linebender/druid/pulls?q=is%3Apr+author%3Asysint64>

### SERVERLESS

Serverless Framework.

GitHub: <https://github.com/serverless/serverless/>

Pull requests: <https://github.com/serverless/serverless/pulls?q=is%3Apr+author%3Asysint64>

### INTELLIJ-DLANGUAGE

JAVA, KOTLIN

IntelliJ Plugin for the D Programming Language.

GitHub: <https://github.com/intellij-dlanguage/intellij-dlanguage/>

Pull requests:

<https://github.com/intellij-dlanguage/intellij-dlanguage/pulls?q=is%3Apr+author%3Asysint64>

### PHOBOS

D

Phobos is the standard library that comes with the D Programming Language Compiler.

GitHub: <https://github.com/dlang/phobos>

Pull requests: <https://github.com/dlang/phobos/pulls?q=is%3Apr+author%3Asysint64>

## PERSONAL PET PROJECTS

### SERDES\_JSON

DART

Dart library to work with json declaratively.

GitHub: [https://github.com/sysint64/serdes\\_json](https://github.com/sysint64/serdes_json)

### DRIVERS

DART, FLUTTER

My collection of abstractions, helpers, containers, widgets and useful functions that I use in different projects.

GitHub: <https://github.com/sysint64/drivers>

### OBJ2STL

C++

CLI to convert 3d objects from obj format to stl.

GitHub: <https://github.com/sysint64/obj2stl>

### VOCABULATOR

KOTLIN, NATIVE ANDROID, PYTHON, DJANGO, GRPC

Android application for compiling a personal dictionary which can help you to improve your vocabulary in English, Japanese or any other languages.

Android application source code: <https://github.com/sysint64/vocabulator-android-client>

Server side source code: <https://github.com/sysint64/vocabulator-server-side>

### RIPA ARCHIVE

PYTHON, DJANGO

Documents organizer, have interface familiar with OS file manager to manipulate folders and documents, set statuses for documents, display log activity and etc.

Source code: [https://github.com/sysint64/ripa\\_archive](https://github.com/sysint64/ripa_archive)

### RPUI

D, OPENGGL, GLSL

GUI Framework written using OpenGL.

GitHub: <https://github.com/sysint64/RPUI>

### E2DIT

C++, OPENGGL, GLSL

Levels editor for 2D games.

GitHub: <https://github.com/sysint64/e2dit>

## **GAPI**

Simple Data Oriented OpenGL GAPI.

GitHub: <https://github.com/sysint64/gapi>

D, OPENGL, GLSL

## **RPDL**

Simple declarative language.

GitHub: <https://github.com/sysint64/RPDL>

D

## **APC PROGRAMMING-LANGUAGE**

Programming language created just for fun.

GitHub: <https://github.com/sysint64/programming-language-APC>

C++, LLVM

## **FUN SMILE**

2D Platformer Game.

GitHub: <https://github.com/sysint64/funsmile>

DELPHI, OPENGL

## **TETRIS**

Classic tetris game with additional modes.

GitHub: <https://github.com/sysint64/tetris-glscene>

DELPHI, OPENGL