

Andrei Kabylin

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EDUCATION

BSc. Information Technology and Telecommunication Systems

Novosibirsk, Russia | Jun 2016

SIBIRIAN STATE UNIVERSITY OF TELECOMMUNICATIONS AND INFORMATION SCIENCES

SKILLS

Languages: Russian - Native; English - C1; 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

COMIKEY MEDIA INC. | MOBILE APPLICATION DEVELOPER (LEAD)

USA (Remote) | Jan 2023 - Present

- Implemented new home page;
- Reimplemented authentication and made it more robust;
- Implemented transactions systems that allows to guarantee that operation will be finished even if application closed or mobile phone battery died;
- Implemented in app purchases with transactions system to guarantee payments;
- Implemented guest user;
- Implemented transactions for merging guest user with regular user;
- Write unit, golden, integration and widget tests;
- Reimplemented manga and webtoons reader. That in turns, dramatically improved performance and reliability;
- Improved unlocking episodes;
- Implemented advanced vertical scrolling for manga and webtoons reader;
- Implemented proper interactive mode for reader (zoom, pan etc);
- Implemented debug services;
- Set up CI/CD to check validity of codebase and to deploy iOS and Android applications.

FINBLOX | MOBILE APPLICATION DEVELOPER

Singapore (Remote) | May 2022 – Dec 2022

- Implemented deep linking;
- Implemented coin swap feature;
- Improved pagination;
- Implemented launchpad buy token screen;
- Implemented insights tabs;
- Implemented auth using QR code;
- Implemented p2p create order;
- Integrated Meld to buy tokens;
- Updated settings page design;
- Helped to implement finpool party;
- Write unit, golden, integration and widget tests.

HOLLAND & BARRETT | MOBILE APPLICATION DEVELOPER

London (Remote) | May 2021 – Jun 2022

- 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

COMIKEY

DART, FLUTTER

Platform to read Manga, Manhwa, Manhwa, and Webtoons.

Responsibilities: Senior Flutter Developer (Lead).

Web site: <https://comikey.com/>

Android: <https://play.google.com/store/apps/details?id=com.comikey.banagher>

iOS: <https://apps.apple.com/us/app/comikey-manga-webtoons/id1601348237>

FINBLOX

DART, FLUTTER

Crypto platform.

Responsibilities: Senior Mobile Developer.

Web site: <https://finblox.com/>

Android: <https://play.google.com/store/apps/details?id=com.finbloxapp.finblox>

iOS: <https://apps.apple.com/us/app/finblox-earn-crypto-yield/id1579461536>

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%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

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>

DART, FLUTTER, FIREBASE

MOST

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>

DART, FLUTTER, FIREBASE

RECYCLEROS MVP

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.

KOTLIN, NATIVE ANDROID

RECYCLEROS MVP - DOCUMENT ENCRYPTION SERVICE

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

Responsibilities: Backend developer.

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

JAVA, VERT.X

MONEY ZEBRA PROTOTYPE

Financial online auction.

Responsibilities: Full stack developer.

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

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

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

STARATELI

It is a catalog of construction materials.

Responsibilities: Lead android developer.

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

JAVA, NATIVE ANDROID

REVENGEBET

Android application for sport forecasts.

Responsibilities: Full stack developer.

Android: https://apkpure.com/nl/revengebet-sport-forecasts/com.revengebet_limited

JAVA, NATIVE ANDROID, PYTHON, DJANGO

GORSITE

Platform for creating urban sites using multiple admin panels.

Responsibilities: Web developer

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

PYTHON, DJANGO

HUMANIQ PROTOTYPE

Humaniq is a simple and secure mobile bank.

Responsibilities: Full stack developer.

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

JAVA, NATIVE ANDROID, PYTHON, DJANGO

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

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

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