

Kirill Ivanov



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 Russia, Saint-Petersburg

Experience

Middle Infrastructure Mobile Developer (Mar - May 2025)

at [Yandex Market](#)

Lead Mobile & Full Stack Developer (Jul 2021 - now)

at [Extension Forces](#)

Skills

Kotlin, Java, Python - 6 years, start from study-years, using for commercial and development of pet projects

Android Development - 5 years of development pet projects and 4 year of commercial development in company

iOS Development (ObjC, Swift) - 2 year of commercial development in company

Databases - 4 years of using PostgreSQL, SQLite, MySQL, MongoDB w/ Atlas

DevOps (ci/cd, docker) - 2 years of commercial development in company

Setting up web-servers (apache, nginx, unix friendly, cert's, ip/port) - 2 years of commercial development in company

CI/CD - 1 year using Heroku on github projects (tried to use gitlab-ci, jenkins)

Front-end development (Web) - 3 years with HTML/CSS/JS/PHP

Also familiar with:

Artificial Neural Nets,

Computer Networking,

Cryptocurrencies (auto-sending),

Digital Signal Processing,

Scripting, web (/w Python, Selenium, bsoup4, ...);

And many other awesome technologies & languages that I like to read and involve

Projects (commercial)

★ **Yandex.Market** (Mar - May 2025) - Development, support & improvement of speed and stability of e2e tests. Prevented 2 critical bugs at the stage of testing mobile builds, which could have reached the production. Improved test stability from 95% to 98%. Increased stability & speed of tests with user authorization by 1 minute

(solution: moved from semi-manual automation to interaction via API and additional logic on the application side).

★ **Light Controller** ([app store](#)) (Feb - Aug 2024) - App that allows you connect to smart lamps, setting up, schedule & automate it

★ **QR Code Scanner** ([app store](#)) (Oct 2023 - now) - App that allows you to scan, generate & save QR codes

★ **Wifi Device Scanner** ([google play](#), [app store](#)) (Nov 2022 - Mar 2023) - Android and iOS app, allows you to scan local wifi networks and find devices in these networks, using magnetic detector to scan surface around & use camera to try to detect hidden camera around you. Develop this app using tools for Android: Kotlin (w/ coroutines), Compose, Android Architecture Components (AAC), Room, CameraX APIs; iOS: Swift, SwiftUI, AVCam API. Common: Architecture pattern: MVVM, Analytics (AppsFlyer, Facebook), Firebase (notifications, crash / analytics), Adapty (pay system), interact with magnetic field sensor

★ **Casino App** ([google play](#)) (Nov 2022 - Jan 2023) - Android app, allows you to play casino. Tools: Kotlin, Compose, AAC, OkHttp

★ **Android Cleaner** ([google play](#)) (Sept - Nov 2022) - Android app, allows to clean (from junk files), boost phone (clear RAM, destroy other apps), increase battery lifetime (disable some functions), secure phone from threats. Tools: Kotlin (w/ coroutines), MVVM, AAC, Room, Lottie, Firebase (notifications, crash / analytics)

★ **Social Cloud** (Jul 2021 - Feb 2022) - Android app, fresh view what social nets can be. Tools: Kotlin (w/ coroutines), MVVM, Koin, OkHttp/Retrofit, RxJava2, AAC, Google Firebase (w/ Auth, FCM, Analytics)

★ **Android Cleaner** (Dec 2021 - Jan 2022) - Android app, simple cleaner of android files and antivirus. Tools: Kotlin (w/ coroutines), AAC, Animations (w/ lottie), tensorflow-lite, Yandex AppMetrica, Google AdMob

TruckStuck (Jun 2021 - Jul 2021) - Android game, made with Unity (C#)

Face/Body detector (Dec 2020 - Jan 2021) - the task is to recognize whether the human is sitting upright, computer vision is based on the position of head and shoulders (Python + OCV)

Brawl Stars Saler (Oct 2020 - Nov 2020) - web-app for selling accounts - full stack development project (front: html, css, js, back: python (Flask) + SQLAlchemy)

kakrodnoy (aka english yopta) ad-mails (Jul 2020 - Sept 2020) - creating the electronic ad-mails for the educational channel (using: html, css) (vk.com/kakrodnoy)

more on [github](#)

Pet projects

Poker app (Sept 2020 - Oct 2020) - game project of study program course. Tools: Kotlin w/ TornadoFX (GUI), architecture: MVP, paradigm: OOP

★ **Liberation Game** (Feb 2023 - now) - Card strategy game, KMP w/ Compose (for Android, iOS, Desktop) (3 month in development)

★ **Virtual assessment of text answers to questions** (Feb 2024 - Jun 2024) - Graduating qualifying project, goal is to assess an answer of a question, by some criteria. Assessor: LLM (YandexGPT), Tools: KMP w/ Compose (for Android, iOS), Navigation: Decompose, Client/Server: HTTP: Ktor, DB: SQLDelight (w/ SQLite) with caching on clients

★ **Chat** (Aug 2025 - now) - chat application with encryption & anti-hacker methods. Tools: KMP /w Compose (for Android, iOS, Desktop), Client/Server: HTTP: Ktor, DB: client: SQLDelight (w/ SQLite) with caching on clients, server: PostgreSQL (1 month in development)

more on [github](#)

Courses & Certificates

Technology development of quality software (QA/QC) - [Bercut](#) team course

Selectel x KEFIR - Game Dev Hackathon 2020 - certificate of participation

DataCamp 2021 - upgrading my skills with some must-have courses

IT_ONE x Skolkovo - [Online Championship](#) in System Analysis - [place 15/175](#)

OZON (Route 256) - participation in a qualifying stage «Advanced

Android-development: Compose, Kotlin Flow, MultiModule»

Nexign x Polytech x PROSTO Hackathon 2022 - new things, fresh view on digital-emotions distribution - TechSpec ([doc](#) ([mirror](#))), our project demo ([youtube](#))

EESTech x RuNetSoft x Polytech Hackathon 2023 - Development of a mobile application with gamification elements for onboarding and adaptation of new employees in an IT company [#14/28](#)

IT_ONE Cup. Mobile x Skolkovo - [Online Championship](#) in Mobile / Backend Development [#2/46](#)

Android Academy Compose Course - Theory + Practical [Course](#) for Compose

IT's Tinkoff Solution Cup. Mobile - Theoretical, algorithmic & practical tasks.

Final: creating a scalable layout design system in 5 hours ([SDK & demo](#)) [#10/50](#)

more on [github/certificates](#)

Education

2019-2024 Informatics and computer engineering

Alma-mater: Peter the Great Saint Petersburg Polytechnic University

Specialist of Software development technologies

Hobbies

Likes: being with a smile to the world; spending time on solving, researching and understanding interesting and not one-way-solving objectives

I am ready to dive with a head into work and learn new skills, develop and gain new knowledge to up my abilities

Sport & Activities: skateboarding, snowboarding, like to DJ, playing chess.