



# ANTON PLOTNIKOV

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📍 Paphos, Cyprus

## KEY TECHNOLOGIES

- I Go, Java/Kotlin/Spring, Linux, Docker, Kafka, Git
- II AWS, K8S, Nix (NixOS),  $\LaTeX$ , JS/TS
- III Ruby, Python, Bash, C++, C, Lua, Haskell

## EXPERIENCE

**Wallet** Development of a TON wallet, exchange and trading platform aka Telegram's @wallet

Cyprus, Paphos

*Software engineer*

2022–

- **P2P exchange** [Kotlin, Postgres].  
Development of P2P exchange platform, analytic system, kyc, accountnig.
- **Event management system** [Go, Kafka, Postgres].  
I designed and built a real-time, high-availability analytics system that enables business event definition management for automatic type-strict code generation in multiple programming languages.

**Ozon Bank** Development of a bank processing systems.

Saint-Petersburg

*Lead software engineer*

2021–2022

- **Processing** [Go, Postgres, ClickHouse, Kafka, K8S].  
Development of bank processing system: system design, cryptography layer compatible with PCI DSS.  
Mentoring inters.

**DSX Technologies** Development of cryptocurrency exchange/trade platform.

St. Petersburg

*Software engineer*

2018–2020

- **DSX** [Kotlin, Java, Angular (administration site for support/aml team), Docker]: Trade and exchange platform.  
Development of platform backend, including: kyc/kyb system, exchange api, public UI api, authentication process, database and application design for clients personal data.
- **Student projects**: Mentoring of student projects.  
*Subtyping system*: compile-time advanced extension for Java.  
*Rhea*: library for reactiv reload of configuration properties with various data sources.
- **DSXT Hackathon**: Participating in organisation and mentoring.

**Openway** Developing infrastructure components for build registration system and workflow processes.

St. Petersburg

*Software engineer*

2017–2018

- **Releng** [Kotlin, Java, Python, Docker, Jira, Teamcity]: Support and development of automatic release registration system (build registration, release/upgrade notes reports, Jira plugin, support CI by Teamcity).
- **DMS** [Kotlin, Docker, Spring, React.js]: Support and full stack development of distribution management system. That system store and distribute business specific products builds with theirs release/upgrade notes.

**Intellectokids** Development of backend for kids education platform.

Remote  
*Software engineer*  
2020–2021

- **Infrastructure** [AWS(Fargate, Glue, Lambda, etc)]: AWS based infrastructure. Development and support of AWS-based infrastructure. Migration from GCP to AWS.
- **Backend** [Go (AWS Lambda), Kotlin (Spring boot), Spring, MongoDB (DocumentDB), DynamoDB, Postgres, Redshift].  
Responsibilities: developement and maintain micro-services based system and lambda-based systems. Business domains: user data, analytic, authorization/authentication, deal offering, payment.

**T-Systems RUS** Full stack developement of web micro-services mostly based on Ruby on Rails framework and PL/SQL. Java development. Technologis: PL/SQL, Oracle, Ruby on rails, Mysql, Sinatra, CoffeeScript.  
St. Petersburg  
*Intern*  
2016–2017

Open source

- Autobrowser (<https://github.com/pltanton/autobrowser>): an efficient cross-platform tool to automatically open hyperlincs in different browsers depending on context (target app, etc) with flexible and ease of use custom configuration DSL
- DDC Sync (<https://github.com/pltanton/ddcsync>): an utility to synchronise brightness of monitors with multi-head setup by ddc protocol
- Network Widgets ([https://github.com/pltanton/net\\_widgets](https://github.com/pltanton/net_widgets)): a bunch of widgets, which indicates state of current network connection without NetworkManager dependency written in LUA for *awesome* window manager

Freelance projects

- Ruby on Rails course for Geekbrains: basic course of Ruby on Rails framework, designed for 8 lectures, which includes presentation for a lecturer and a book with detailed course

## EDUCATION

**ITMO University** Chair of Advanced Mathematics. Mathematical modeling.  
St. Petersburg  
2012–2018  
*Master of Applied Math and Computer Science.*

## LANGUAGES

Russian Native

English Upper intermediate