



# ANTON PLOTNIKOV

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## KEY TECHNOLOGIES

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

## 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.

<b>Intellectokids</b>	Development of backend for kids education platform.
Remote <i>Software engineer</i> 2020–2021	<ul style="list-style-type: none"> <li>▪ <b>Infrastructure</b> [AWS(Fargate, Glue, Lambda, etc)]: AWS based infrastructure. Development and support of AWS-based infrastructure. Migration from GCP to AWS.</li> <li>▪ <b>Backend</b> [Go (AWS Lambda), Kotlin (Spring boot), Spring, MongoDB (DocumentDB), DynamoDB, Postgres, Redshift].</li> </ul> <p>Responsibilities: developement and maintain micro-services based system and lambda-based systems. Business domains: user data, analytic, authorization/authentication, deal offering, payment.</p>
<b>T-Systems RUS</b> St. Petersburg <i>Intern</i> 2016–2017	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.
Open source	<ul style="list-style-type: none"> <li>▪ Autobrowser (<a href="https://github.com/pltanton/autobrowser">https://github.com/pltanton/autobrowser</a>): an efficient cross-platform tool to automatically open hyperlinks in different browsers depending on context (target app, etc) with flexible and ease of use custom configuration DSL</li> <li>▪ DDC Sync (<a href="https://github.com/pltanton/ddcsync">https://github.com/pltanton/ddcsync</a>): an utility to synchronise brightness of monitors with multi-head setup by ddc protocol</li> <li>▪ Network Widgets (<a href="https://github.com/pltanton/net_widgets">https://github.com/pltanton/net_widgets</a>): a bunch of widgets, which indicates state of current network connection without NetworkManager dependency written in LUA for <i>awesome</i> window manager</li> </ul>
Freelance projects	<ul style="list-style-type: none"> <li>▪ 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</li> </ul>

## EDUCATION

<b>ITMO University</b>	Chair of Advanced Mathematics. Mathematical modeling.
St. Petersburg 2012–2018	<i>Master of Applied Math and Computer Science.</i>

## LANGUAGES

Russian	Native
English	Upper intermediate