

# ANTON PLOTNIKOV

## PERSONAL INFORMATION

email [plotnikovanton@gmail.com](mailto:plotnikovanton@gmail.com)  
telegram [@pltanton](https://t.me/pltanton)  
location Paphos, Cyprus  
github [github.com/pltanton](https://github.com/pltanton)

## KEY TECHNOLOGIES

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

## EXPERIENCE

- |   |   |
|---|---|
| NeoCrypto<br>(Saint-Petersburg)<br><i>Software engineer</i><br>2022–          | Development of a TON wallet and exchange platform aka @wallet <ul style="list-style-type: none"><li>▪ <b>P2P exchange</b> [Kotlin, Postgres].<br/>Development of P2P exchange platform.</li><li>▪ <b>Event management system</b> [Go, Kafka, Postgres].<br/>I designed and developed a system from scratch that manages and automatically generates event artifacts for internal services using multiple programming languages, including Go, Kotlin, JS, and Python. The system stores these artifacts in a data lake/warehouse for further ETL processing.</li></ul>  |
| Ozon Bank<br>(Saint-Petersburg)<br><i>Lead software engineer</i><br>2021–2022 | Development of a bank processing systems. <ul style="list-style-type: none"><li>▪ <b>Processing</b> [Go, Postgres, ClickHouse, Kafka, K8S].<br/>Development of bank processing system: system design, cryptography layer compatible with PCI DSS.<br/>Mentoring interns.</li></ul>  |
| Intellectokids<br>(Remote)<br><i>Software engineer</i><br>2020–2021           | Development of backend for kids education platform. <ul style="list-style-type: none"><li>▪ <b>Infrastructure</b> [AWS(Fargate, Glue, Lambda, etc)]: AWS based infrastructure.<br/>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].<br/>Responsibilities: developement and maintain micro-services based system and lambda-based systems. Business domains: user data, analytic, authorization/authentication, deal offering, payment.</li></ul> |

DSX Technologies (St. Petersburg) Software engineer 2018–2020	<p>Development of cryptocurrency exchange/trade platform.</p> <ul style="list-style-type: none"> <li>▪ <b>DSX</b> [Kotlin, Java, Angular (administration site for support/aml team), Docker]: Trade and exchange platform.</li> <li>Development of platform backend, including: kyc/kyb system, exchange api, public UI api, authentication process, database and application design for clients personal data.</li> <li>▪ <b>Student projects</b>: Mentoring of student projects. <ul style="list-style-type: none"> <li>– Java subtyping system: project to provide solution to make additional subtyping checks for Java primitives in non-runtime via annotation processing.</li> <li>– Rhea: library for dynamically and reactively reload configuration properties by changes in properties sources (file, database, vault, e.t.c). Based on Kotlin flow.</li> </ul> </li> <li>▪ <b>DSXT Hackathon</b>: Participating in organisation and mentoring.</li> </ul>
Openway (St. Petersburg) Software engineer 2017–2018	<p>Developing infrastructure components for build registration system and workflow processes.</p> <ul style="list-style-type: none"> <li>▪ <b>Releng</b> [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).</li> <li>▪ <b>DMS</b> [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.</li> </ul>
T-Systems RUS (St. Petersburg) Intern 2016–2017	<p>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.</p>
Open source	<ul style="list-style-type: none"> <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> <li>▪ YAGS (<a href="https://github.com/pltanton/yags">https://github.com/pltanton/yags</a>): this program provides a simple configurable statusline generator. It passes the formatted status line each time when callbacks from plugging is received. Unlike conky, yags prints satatusline only when status really changed and not overloads disk with useless executions. Written in GO</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 lecturer and book with detailed course</li> </ul>

## EDUCATION

ITMO University (St. Petersburg) 2016–2018	<p>Chair of Advanced Mathematics. Mathematical modeling.</p> <p><i>Master of Applied Math and Computer Science.</i></p>
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## LANGUAGES

Russian	Native
English	Upper intermediate