

# ANTON PLOTNIKOV

## PERSONAL INFORMATION

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github [github.com/pltanton](https://github.com/pltanton)

## KEY TECHNOLOGIES

- I Java/Kotlin, Ruby, Linux, Docker
- II Go, Python, React.js, Haskell,  $\text{\LaTeX}$ , Nix (NixOS), JavaScript, TypeScript, k8s
- III Bash, C++, C

## EXPERIENCE

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| <p>DSX Technologies<br/>(St. Petersburg)<br/><i>Software engineer</i><br/>2019–present</p> | <p>Development of cryptocurrency exchange/trade platform.</p> <ul style="list-style-type: none"><li>• <b>DSX:</b> Trade and exchange platform.<ul style="list-style-type: none"><li>– Technologies: Kotlin, Java, Angular (administration site for support/aml team), Docker.</li><li>– Responsibilities: developement of platform backend, including: kyc/kyb system, exchange api, public UI api, authentication process, database and application design for clients personal data.</li></ul></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> |
| <p>Openway<br/>(St. Petersburg)<br/><i>Software engineer</i><br/>2017–2018</p>             | <p>Developing infrastructure components for build registration system and workflow processes.</p> <ul style="list-style-type: none"><li>• <b>Releng:</b> Release registration system, which includes system itself (build registration, release/upgrade notes automatic generation, integration Jira plugin, clients to support CI by Teamcity).<ul style="list-style-type: none"><li>– Technologies: Kotlin, Java, Python, Docker, Jira, Teamcity</li><li>– Responsibilities: support and developing system itself, building and planning architecture of some components.</li></ul></li><li>• <b>DMS:</b> Distribution management system. System to store and distribute business specific products builds with theirs release/upgrade notes.<ul style="list-style-type: none"><li>– Technologies: Kotlin, Docker, Spring, React.js</li><li>– Responsibilities: support and developing system. Developing web UI service for access to client/release notes.</li></ul></li></ul>   |

T-Systems RUS (St. Petersburg) <i>Software engineer</i> 2016–2017	<p>Developing web micro services based on Ruby on Rails framework and PL/SQL. Java development.</p> <ul style="list-style-type: none"> <li>• <b>WiNA</b>: A system that stores operational network data on GSM, UMTS, etc. of T-Mobile Deutschland and the relevant data of network components. <i>Technologies</i>: PL/SQL, CentOS, Oracle. <i>Responsibilities</i>: improving error handling inside PL/SQL scripts, performing database optimizations</li> <li>• <b>CenTr@</b>: An internal only-API service that gathers data on T-Systems RUS employees from different sources (SAP, corporate Active Directory, internal navigation system etc.), then processes and clears it out, and then provides flexible means for client systems to retrieve necessary data on demand. <i>Technologies</i>: Ruby on Rails, MySQL, Ubuntu. <i>Responsibilities</i>: backend development, production server environment administration, deployment scripts administration, automatic Vagrant environment configuration</li> <li>• <b>ExTr@</b>: An internal system that enables managerial personnel to track overtime and (extra-)events of T-Systems RUS employees and then build reports and employment forecasts. <i>Technologies</i>: Ruby on Rails, PL/SQL, CentOS <i>Responsibilities</i>: database planning, full-stack development, deployment configuration, database administration, automatic Vagrant environment configuration</li> <li>• <b>Calend@r</b>: An internal system that synchronizes a free-busy status from different Microsoft Exchange servers and builds a human readable comparison time table <i>Technologies</i>: Sinatra, CoffeeScript, Ubuntu <i>Responsibilities</i>: production server administration, deployment configuration, full-stack development, automatic Vagrant environment configuration</li> <li>• <b>Gogs</b>: Administrating of Gogs local GIT service in CentOS environment. Related SSL, Nginx, smtp configuration and LDAP integration</li> </ul>
Open source	<ul style="list-style-type: none"> <li>• Network Widgets (<a href="https://github.com/planton/net_widgets">https://github.com/planton/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/planton/yags">https://github.com/planton/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	Intermediate