

ANTON PLOTNIKOV

PERSONAL INFORMATION

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location Saint Petersburg, Russia
github github.com/pltanton

KEY TECHNOLOGIES

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

EXPERIENCE

- Intellectokids (Remote) Development of backend for kids education platform.
Software engineer
2020–
- **Infrastructure:** AWS based infrastructure.
 - Technologies: AWS stack (Fargate, Glue, Lambda, etc).
 - Responsibilities: development and support of AWS-based infrastructure. Migration from GCP to AWS.
 - **Backend.**
 - Technologies: 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.
- DSX Technologies (St. Petersburg) Development of cryptocurrency exchange/trade platform.
Software engineer
2018–2020
- **NPS/Spike money:** Payment system.
 - Technologies: Java, Spring Boot.
 - Responsibilities: developement of platform backend. Design and development of API.
 - **DSX:** Trade and exchange platform.
 - Technologies: Kotlin, Java, Angular (administration site for support/aml team), Docker.
 - Responsibilities: developement 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.
 - Java subtyping system: project to provide solution to make additional subtyping checks for Java primitives in non-runtime via annotation processing.
 - Rhea: library for dynamically and reactively reload configuration properties by changes in properties sources (file, database, vault, e.t.c). Based on Kotlin flow.
 - **DSXT Hackathon:** Participating in organisation and mentoring.

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"> • Releng: Automatic release registration system (build registration, release/upgrade notes reports, Jira plugin, support CI by Teamcity). <ul style="list-style-type: none"> – Technologies: Kotlin, Java, Python, Docker, Jira, Teamcity – Responsibilities: support and developing system itself, building and planning architecture of some components. • DMS: Distribution management system. System to store and distribute business specific products builds with theirs release/upgrade notes. <ul style="list-style-type: none"> – Technologies: Kotlin, Docker, Spring, React.js – Responsibilities: support and developing system. Developing web UI service for access to client/release notes.
T-Systems RUS (St. Petersburg) Software engineer 2016–2017	<p>Developing web micro services mostly based on Ruby on Rails framework and PL/SQL. Java development.</p> <ul style="list-style-type: none"> • WiNA [PL/SQL, Oracle]: A system that stores operational network data on GSM, UMTS, etc. of T-Mobile Deutschland and the relevant data of network components. • CenTr@ [Ruby on Rails, MySql]: 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. • ExTr@ [Ruby on Rails, PL/SQL]: 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. • Calend@r [Sinatra, CoffeeScript]: An internal system that synchronizes a free-busy status from different Microsoft Exchange servers and builds a human readable comparison time table.
Open source	<ul style="list-style-type: none"> • Network Widgets (https://github.com/planton/net_widgets): a bunch of widgets, which indicates state of current network connection without NetworkManager dependency written in LUA for <i>awesome</i> window manager • YAGS (https://github.com/planton/yags): 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
Freelance projects	<ul style="list-style-type: none"> • 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

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>
ITMO University (St. Petersburg) 2012–2016	<p>Chair of Advanced Mathematics. Mathematical modeling.</p> <p><i>Bachelor of Applied Math and Computer Science.</i></p>

LANGUAGES

Russian	Native
English	Intermediate