Andrey Turbov
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Contact

LinkedIn:	[Andrey Turbov](#)
E-mail:	unsip@tuta.io
Phone:	+9 955 91812617
Github:	https://github.com/unsip

I'm an operations engineer with a few years of software development expertise. Self-education is of the highest value for me, which I'm always striving. Not only because regular studies got me into the industry, but also because I appreciate scientific endeavour and enjoy exploring world of abstract ideas. Hence, I'm looking forward to further improve my skills in software architecture, infrastructure design and DevOps practices.

The essential job-aspect for me is to acquire expertise in solving challenging problems using modern technologies and cutting edge approaches. My experience in an international environment enables me to get along with foreign co-workers and customers quickly. In my spare time, I enjoy studying humanities, maintaining Exherbo Linux distribution, playing board games, and contemplating on aesthetically pleasing art.

Employment

JettyCloud (RingCentral)   Dec 2022 — Apr 2023
Release Engineer   *Tbilisi*

- Design and maintain internal toolchain for daily operations

- Building and decommission of instances depending on a business needs

- Carry out release preparation cycle including:

  - Stage environments configuration for further testing process
  - Deployment of the whole RC distributed system
  - Support QA regression cycles
  - Tracing and resolving issues which occured during testing process
  - Bug reporting and discussion with developers on possible solutions

                                           Apr 2022 — Dec 2022
Site Reliability Engineer   *Tbilisi*

- Deployment and configuration on production environments in a strict time frames

- Subsystems support handover from other teams with complex review and presentation for peers

- Tracing and resolving critical application issues in a complex production environment

- Ensuring that all production changes are made according to strict explicit policy

- Tight communication with other operations and development teams to achieve system reliability

Teknavo (Bloomberg)   Dec 2021 — Apr 2022
DevOps Engineer   *St. Petersburg*

- Internal Bloomberg CI/CD infrastructure maintainance

- Build and testing automation with CMake and Python

T-Systems (Deutsche Telekom)   Jan 2020 — Dec 2021
Software Developer   *St. Petersburg*

- Full stack maintainance and development of internal platform for executing and monitoring various bots

- Project architecture revision and design using UML diagrams

- Solution prototyping along with introduction of Python RPC framework

                                                            Jul 2018 — Jan 2020
DevOps Engineer   *St. Petersburg*

- Regular presentations on international on-site meetings

- Orchestration solution design and development using Puppet and Puppet Bolt

- Legacy CI/CD infrastucture maintainance and refactoring

- Support for international DEV, QA and production OPS teams

- Implementation and maintainance of internal services and utilities such as:
  - Custom dashboard web service for project environments
  - Web service for generating delivery instructions for production OPS
  - CLI utility for complex application configuration management

Education

2014 — 2016	Saint Petersburg State University of Aerospace Instrumentation, Department of Computer Science
2013 — 2014	Peter the Great Saint-Petersburg Polytechnic University, Department of Physics and Astronomy

Used Tools

Programming languages: Python, C++(11/14/17), JavaScript

Frameworks: Django, Flask, ReactJS, RPyC

Development utilities: Git, Bash, core *nix utilities

Operating systems: Linux (RHEL, Debian, Arch, Gentoo, Exherbo)

Build systems and CI/CD: Make, Ninja, CMake, Gitlab CI, Jenkins

Containers/Virtualization: Docker, Vagrant, VirtualBox, VMware

Infrastructure orchestration: Ansible, Puppet, Bolt

Monitoring: ELK stack, Grafana, Prometheus, Zabbix

Webservers: Nginx, Apache

Databases: PostgreSQL, OracleDB, Amazon RDS

Other

Languages: advanced English, native Russian

Achievements: participated in student physics and astronomy conferences/competitions, completed MIT GSL program at ITMO university

Hobbies: programming, philosophy, generative art, spider keeping