

# Andrey Turbov

Sep 5, 1996

## Contact

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I'm a DevOps 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 craftsmanship 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

### Teknavo

*DevOps Engineer*

2021 — 2022  
*St. Petersburg*

- Internal Bloomberg CI/CD infrastructure maintainance
- Build and testing automation with CMake and Python

### T-Systems

*Software Developer*

2020 — 2021  
*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

*DevOps Engineer*

2018 — 2020  
*St. Petersburg*

- Regular presentations on international on-site meetings
- 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
- 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

## 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

**Infrastructure orchestration:** Ansible, Puppet, Bolt

**Monitoring:** ELK stack, Grafana, Prometheus

**Webservers:** Nginx, Apache

**Databases:** PostgreSQL, OracleDB

## 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