

Summary

- DevOps, Netops engineer with background in network administration.
- Experience in working as a part of multinational teams across multiple time zones.
- Project management. Documentation. Mentorship.

Skills

OS	Linux, Cisco IOS, MacOS	Programming	Python, GNU Bash, Emacs Lisp
DevOps	Ansible, Git, GitLab CI/CD Docker, Vagrant, K8S, AWS	Logging/Monitoring	LogicMonitor, Nagios, Cacti, SumoLogic
Routing	BGP, OSPF, EIGRP	Languages	English (proficient), Russian (native), German (A2)
		Additional	Emacs enthusiast, FSF supporter, \LaTeX -user

Recent Work Experience

Ubisoft

Singapore — Russia

NETWORK DEVELOPER | DEVOPS

03.2021 — Now

- Automation of data centers deploys (Ansible/Docker/Vagrant/CICD)
- Support and development of global network automation system (GitOps based offline state system)
- Development Projects:
 - Developed a zero-touch provisioning pipeline for baremetal servers (Ansible/Docker/CICD)
 - Developed a tool for upgrading the fleet of firewalls with all necessary prechecks on L7/L3/L2 levels; automated fetching of firmware; monitoring suppression; text user interface; dockerized
 - Developed a tool based on the RAML API specification for building a set of Ansible roles for interfacing with the OpenGear API
 - Developed and updated multiple microservices used for datacenter deploys

Toku

Singapore

VP NETWORK AND AUTOMATION | DEVOPS

07.2020 - 03.2021

- Managing a team of engineers
- Infrastructure design (network/servers/cloud)
- Automation, Monitoring

Airbnb

Singapore

SENIOR NETOPS ENGINEER

03.2018 — 06.2020

- NetOps/DevOps (Python, Ansible, Nornir, Gitlab, CI/CD):
 - Automation of configuration changes (Ansible/Python/)
 - Automation of upgrades (Ansible mainly)
 - Automation of infrastructure administration (IPAM/DNS/DHCP/monitoring - Ansible)
- Administration and support: LAN/WAN/WLAN (Cisco), Firewalls (Palo Alto), Load Balancers (F5)
- Troubleshooting, fault analysis, repair
- Monitoring and logging
- DNS/DHCP/IPAM administration and automation — Infoblox
- Mentorship
- Documentation
- Projects:
 - Automated upgrades of network infrastructure — Ansible
 - Automated migration of AAA configuration for a fleet of Cisco routers and switches (OpenRadius to Cisco ISE) — Ansible
 - Multiple automation projects done in Ansible and Python

Align Technology

Russia/Singapore

SENIOR NETWORK ENGINEER

06.2013 — 03.2018

- Administration and support of LAN/WAN/WLAN of the company
- Administration of worldwide Cisco-based telephony system of the company (CUCM, Unity, CCX, Cisco CUBE)
- Network and Systems Automation (Ansible)
- Projects:
 - Automated deploy of new sites
 - Templatised configuration (Ansible/Jinja/IPAM)
 - Dial Plan automation
 - Adaptation of call-center scripts
 - Redesign of a global dial plan of the company, migration from arbitrary prefix-based to E164 based call routing (partially automated)
 - IT Project Manager role in multiple office openings and moves: Tokyo, Sydney, Taipei, Seoul, Chengdu, Guangzhou, Singapore, others.
 - Created a structured and uniform approach to IT systems documentation: standardized network diagrams design, office passports, and dial-plan documentation

Education

Samara State University of Architecture and Civil Engineering

Russia

ENGINEER

1999 - 2004

Certifications

Cisco Certified Network Professional Routing and Switching

Cisco Systems

CCNP R&S

2015

Cisco Certified Network Professional Voice

Cisco Systems

CCNP VOICE

2012

Palo Alto Accredited Configuration Engineer

Palo Alto

PALO ALTO ACE

2015

Courses

Certified Kubernetes Administrator

Udemy

CKA

2022

Course

CCIE DC Bootcamp and Full-Scale Labs

ine.com

INE.COM ONLINE COURSE

2015

Administering and Troubleshooting of F5 BigIP

F5 onsite at the Airbnb campus

F5 ONSITE COURSE

2019

Recommendations

Jared Barnard

Regional IT Manager

AIRBNB

Andrey is a great person, a great teammate, and a great Network Engineer. While I never managed Andrey directly, I was part of the management that oversaw the group working remotely here in Singapore. I interviewed him and was impressed from my first meeting. He's incredibly bright and thoughtful, worked very well with direct and cross-functional work groups and saw things through to the end. One of my colleagues once said, "It's hard to find good Network Engineers, and nearly impossible to find good Network Engineers who can write code." Andrey is one of the few who fits the latter category. Andrey is really the whole package. He's a great employee, a great colleague, and a great friend. Any organization would be lucky to have him.

Dmitry Gladyshev

Senior IT Manager

ALIGN TECHNOLOGY (INVISALIGN)

Andrey is a great achiever and leader, who excels in everything he does. He is an expert with strong technical abilities and is very accountable and trustworthy. Andrey has outstanding skills in network and voice architecture, design, implementation, and support. I enjoyed working with Andrey for over 5 years and would be happy to work with him again.

Gabriel Flores

Senior NetOps Engineer

EX-AIRBNB, SAN FRANCISCO, CA

Andrey is an incredibly talented engineer. He is versatile and can quickly context shift between complex architectures and technologies. When he was hired at my company, we immediately felt a huge weight lifted from our shoulders. His abilities allowed him to 'wear multiple hats' and was able to provide deep technical insight on how infrastructure technology works as well as keeping his ear to the ground to know what people are doing across the globe. He would always find something new and cool that was being developed that would help us in our work.

Raheel Lakhpaty

NetOps Engineer

EX-AIRBNB, SINGAPORE

I am extremely thankful to have had the opportunity to work with Andrey at Airbnb. He is an extremely motivated and talented network and automation engineer. I have no doubt that he would be an asset to any company he is a part of.

Volunteer Experience

She Loves Data

Singapore

VOLUNTEER AT SHELOVESDATA.COM

Jun 2020 - Now

- Miscellaneous IT support