

# Sergei Kondrashov

Email: [s@kondrashov.me](mailto:s@kondrashov.me)

[LinkedIn](#)

[Github](#)

## SUMMARY

SRE/Production Engineer with over 10 years of experience in network engineering and cloud infrastructure. Skilled in designing and automating scalable solutions using Kubernetes, Clouds, and IaC-approach. Proficient in Golang for building infrastructure management tools and improving system reliability. Experienced in working with multi-cloud environments, optimizing performance, cost-efficiency, and ensuring high availability.

## EXPERIENCE

### JetBrains - SRE

JAN 2019 - JUL 2022, St.Petersburg, Russia → JUL 2022 - Present, Amsterdam, Netherlands

JetBrains is a leading software company that creates powerful development tools for programmers, including popular IDEs like IntelliJ IDEA, PyCharm and Goland.

**Tech stack:** Kubernetes, AWS, GCP, Linux, Terraform, Golang, Prometheus

- Participated in the design of a network architecture that connected cloud infrastructure across multiple clouds and offices in several countries. Developed and implemented a process for managing cloud infrastructure through code.
- Initiated, developed, and implemented a process for tracking cloud infrastructure expenses in AWS, making them more transparent for engineers and managers.
- Designed and implemented production EKS clusters in multiple regions(including China).
- Developed and implemented the company's DNS zone management process using the Infrastructure-as-a-Code approach

### Quad Code Software - Infrastructure Engineer

JUL 2017 - JAN 2019, St.Petersburg, Russia

QuadCode is a software company that develops trading platforms and solutions, offering tools for traders and financial professionals.

**Tech stack:** Linux, Ansible, Golang, TICK, GitLab, Kubernetes, Juniper SRX/MX, Cisco ASA

- Developed and implemented network design for the company's network infrastructure, which improved the scalability and availability of overall infrastructure.
- Developed and implemented a new scheme of internet-facing load balancing, that improved scalability, availability, and security and significantly reduced the cost of DDoS mitigation services and equipment.
- Developed the equipment accounting process that reduced common infrastructure expenses by more than 15% in the first year.
- Developed multiple tools that simplified network maintenance and included network equipment in common inventory processes.

### MegaFon PJSC - Sr. Network Engineer

DEC 2013 - JUL 2017, Khabarovsk, Russia

MegaFon is a telecommunications company that provides mobile and internet services across Russia, serving more than 60 million of clients.

**Tech stack:** BGP, MPLS, OSPF, Juniper MX/SRX, Huawei NE, Cisco Catalyst, MS Visio

- Developed a network scheme of mobile-operator PS-core for regions with a lack of network bandwidth and implemented it in the Kamchatka region, which increased Internet access speed for customers and improved voice services inside the region.
- Participated in the development and implementation of zero-downtime migration of

## SKILLS

Kubernetes, AWS, Linux, Networking, Docker, CI/CD, Golang, Terraform, Ansible, Cloud computing, FinOps, Monitoring, Reliability

## CERTIFICATIONS

2019 - AWS Certified Solutions Architect - Associate

## ADVANCED TRAINING

2023 - Golang developer(Yandex.Practicum)  
2021 - AWS Security Engineering  
2020 - Advanced Architecting on AWS  
2018 - AWS Advanced Networking  
2018 - Architecting on AWS  
2016 - Advanced Junos Service Provider Routing  
2016 - Junos MPLS and VPNs  
2015 - Designing for Cisco Internetwork Solutions  
2013 - Huawei network equipment and maintenance

mobile operator's PS-core from Vladivostok to Khabarovsk.

- Developed a network equipment configuration converter for Tellabs to Juniper and Cisco to Juniper, which significantly streamlined and accelerated the migration process. Participated in the migration from Tellabs to Juniper equipment in the mobile backhaul.

## Strela Telecom - Network Engineer

AUG 2011 - DEC 2013, Khabarovsk, Russia

Strela Telecom is an Internet Service Provider that serves over 10,000 customers in the region. It offers internet and cable TV services for both B2C and B2B customers.

**Techstack:** Linux, Nagios, Python, Cisco IOS, L2 networking(STP, VLAN, etc), Cisco Catalyst, Ubiquiti, MikroTik

- Developed and implemented a configuration management tool for network equipment, reducing the time required to connect new clients from hours to minutes.
- Actively participated in preventing network outages and mitigating the consequences during and after a large-scale flood in the Khabarovsk region, including planning the transfer of services between Points of Presence and dismantling equipment from flooded server rooms and data halls, often on the same day.

## FREELANCE/PROJECT WORK

### aerokube.com/moon-cloud — Infrastructure Architect / SRE

AUG 2020 - SEP 2024, Remote

Moon Cloud is a cross-browser testing platform distributed as a SaaS that supports Selenium, Cypress, Playwright, and Puppeteer. With the approval of my supervisors, I managed this project alongside my main job, ensuring there was no conflict of interest and maintaining my primary job performance. I collaborated effectively with colleagues for whom this was their primary business.

- Designed, implemented, and maintained a SaaS platform based on Kubernetes for UI testing.
- Ensured high availability and scalability of the platform, addressing the needs of the business effectively.
- Interacted with clients to understand their needs and recommend the best use of our platform.
- Suggested optimal infrastructure integration solutions, ensuring seamless connectivity and compatibility with client systems.

## EDUCATION

### Pacific State University - Master's Degree

SEP 2007 - JUN 2013, Khabarovsk, Russia

Institute of Information Technologies, Major: **Telecommunications Engineering**