NIKOLAY MAMASHIN

Network Engineer | Linux Administrator | DevOps

Languages

Russian	■■■■■
English	■■■□□

Technical skills

WAN & LAN	■■■■■
VoIP	■■■□□
Unix based OS	■■■■■
SQL & NoSQL Databases.	■■■□□
Python	■■■□□
IoT	■■■□□
Virtualization	■■■■□
Clouds	■■■□□

Contacts

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Telegram: @mamashin

GitHub:
https://github.com/mamashin

LinkedIn:
https://www.linkedin.com/in/nikolai-mamashin/

Strava:
https://strava.app.link/DCnLbA59cIb

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With 20+ years of experience as a network engineer and Linux system administrator. Deep technical background. I have a thorough understanding of all aspects of full-stack software development.
Interested in projects requiring technical skills, research & development projects.

$cat skills.txt

* I have been using **Linux** for over 20 years.
* Build small and big networks with Cisco, Juniper, Ubiquiti, MikroTik and other network equipment
* I know what **OSPF**, **BGP**, **DHCP**, **DNS**, **DoH** are and how they work
* And of course, I know **Docker**, **GIT**, Ansible, CI/CD
* Clouds: **AWS**, **GCP** and **Azure** (via Terraform)
* I know the difference between **SIP** and **H.323**. I choose SIP and Asterisk
* Any local network problem can be solved with **tcpdump**
* All processes should be monitored, I like **Zabbix** and **Grafana**. I also know how **Prometheus** works
* Two words about virtualization - **XEN** and **VMware**
* For my custom solutions I use **Python** and **Django** or **FastAPI** frameworks

$cat experience.txt

Senior Network Engineer. *ISP Sochi-Online. 2019-present*
- communicate directly with customers to identify their needs and help them meet their expectations
- ensure that the day-to-day operations of the business run smoothly, and project milestones are met

Network Administrator. *Asteros Group (Winter Olympic Games 2014) 01.2014-03.2014*
- managing and troubleshooting campus area network (CAN) based on Avaya (ex. Nortel Networks) equipment
- monitor system health to ensure a stable operating environment based on Zabbix, Cacti and NOC Project

Network Engineer. *ISP Sochi-Online. 2000-2018*
- support and development core fiber optic and wireless networks
- telephony network (VoIP and E1 G.703)
- monitoring and alarm system (Zabbix, Cacti)
- support and development of own billing system for our clients (Python & Django)
- interaction with our upstream service provider partners

Network Administrator. *Internet club UNREAL. 1998-2000*
- development, deploying and maintenance LAN
- support LAMP and games (Quake, Half-Life & etc.) servers on Linux Debian

IT Engineer. *Sochi City Hospital 2. 1996-1997*
- create and maintain a local area network (10BASE-2, BNC coaxial)
- support RedHat Linux with SAMBA services (file sharing server)
- web programming (perl)

$cat education.txt

Electronic computers, systems and networks
Kasnodar College of Electronic Instrumentation