



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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GitHub:
<https://github.com/mamashin>

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<https://www.linkedin.com/in/nikolai-mamashin/>

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

\$cat summary.txt

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

