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Summary

I'm a software developer based in Russia. First time I got interested in functional programming in 2014 but my skills were definitely lacking. After studying a bit of hard mathematics and graduating I find myself capable of trying it in a real environment.

I used to do different jobs until I felt comfortable with my general IT experience.

Skills and accomplishments

Natural languages:	Russian, English
Programming languages:	C, Haskell, Idris, Octave, Python, x86 asm, Java (in order of decreasing proficiency)
Translations:	Category Theory for Programmers by Bartosz Milewski, see Russian subtitles
Functional programming:	studied Haskell under Artyom "neongreen" Kazak have done Software Foundations in Idris
Networking:	designed and overseen the construction of enterprise ethernet networks (up to a hundred of PCs, mainly copper and a bit of fiber) designed and overseen the construction of enterprise virtualization cluster networks designed and developed a simple scalable VoIP system for enterprise using Asterisk + LUA
Virtualization:	designed, built and maintained virtualization clusters using VMware ESXi and Proxmox transitioned legacy infrastructures to private cloud
OS:	operated Windows Server (2008 - 2012R2), FreeBSD, Linux (Debian, CentOS) in production personally prefer Void Linux and OpenBSD
Security:	have basic experience with SIGINT can do something resembling really secure boot with coreboot + HEADS and TPM

Interests

Mathematics:	casually read nLab, sometimes even understand skimmed through HoTT book and preparing to study HoTT in Agda studied topology and differential geometry under Iskander Taimanov completed Robert Ghrist's Calculus: Single Variable
Hardware:	recently got interested in Thinkpad tinkering want to learn building UAVs

Work experience

Oct 2017–Jul 2019 (1 year, 10 months)	**Information Security Engineer** at **FSUE NPP Gamma**, Russia was on duty in Samara Arena during FIFA 2018 world cup as a technical security consultant had done some PowerShell automation, physical fleet configuration management (w/Saltstack)

operated Rohde&Schwarz and Agilent spectrum analyzers through Python + NIVISA
designed computer networks
had to work with obscure equipment and software

Jan 2017–Aug 2017 | **Network Engineer** at **Sibirskie Seti Ltd.**, Russia
(8 months) | configured equipment of the following vendors: Extreme Networks, Juniper, Cisco, D-Link, TP-Link
wrote network monitoring scripts for Nagios using bash/Python
performed equipment and network testing with Python + scapy
communicated with NOCs of other ISPs
got an L2 loop in the management network once

Sep 2016–Dec 2016 | **Engineering Technician** at **ITVaksa Ltd.**, Russia
(4 months) | everything from physical cabling to small business network/system design

Education

Sep 2014–May 2018 | **BS in Informatics** at **SibSUTI**, Novosibirsk, Russia
(4 years) |