

Anton Latukha

Contacts	Phone: +38 (093) 714-04-64 (Lifecell) +38 (098) 100-97-17 (Kyivstar) +38 (050) 196-88-78 (Vodafone) e-mail: anton@latukha.com (emergency, important questions) anton.latukha@gmail.com (work; Hangouts) anton.latukha@protonmail.com (important privacy, security sensitive information over ProtonMail) latuha.v.anton@gmail.com (important casual talk) pinoxiline@gmail.com (registrations/miscellaneous; Mastodon)	Skype: latuha.anton Telegram, Signal, Viber, Wire: +38 (093) 714-04-64 GitHub: https://github.com/Anton-Latukha Old GitHub: https://github.com/PiroXiline Biography: https://blog.latukha.com/bio
Personal information	Birth date: 1990-07-28 (27 years) Marital status: single	
Professional skills	* BS – M.Tech. Degree in Information and Telecommunication Networks with unfinished Ph.D. in Telecommunication engineering. OS Linux: * Debian * Ubuntu (from 7.04 to today) * CentOS * Fedora (my first Linux was Red Hat Linux 8 is it before Fedora and CentOS emerged) * Arch Linux * Alpine Linux (this is a deure Docker standard) * capable to create and operate efficiently in any *nix environment OS *nix: * IBM AIX systems. 6.1 and 7.1, from IBM courses. * FreeBSD OS Windows: * Starting from MS DOS 3.0, MS DOS 5.0, Windows 1.0, 3.11, 95, 95 OSR2, 98, 98 SP1, SP2, Windows NT, Windows 2000, Windows 2003 Server, Windows 2008 Server, and Windows 2012 Server. * Was responsible for whole infrastructure of system integration company, which was on Microsoft products line.	

Configuration management:

- * Ansible
 - * SaltStack
 - * Puppet (rusty)
 - * full knowledge of system processes under them and possibility to read source code of these tools
- Terraform is in the process.

Code management:

- * Git
- * SVN (long ago)

IaaS:

- * AWS stack
- * Google Cloud Platform

CI/CD:

- * Jenkins with Docker sandboxed pipelines

Init subsystems:

- * Systemd (Systemd structure, rules and most of its extensive possibilities, unit creation, advanced journal knowledge)
- * Upstart
- * SysV

Virtualization & containerization:

- * Docker (Compose, Machine, Swarm, private repositories)
- * QEMU/KVM (CLI and libvirt applications)
- * VMware, vSphere line (ESXi 5.0-5.2)
- * some experience with OpenStack, image creation and provisioning
- * OpenVZ
- * HyperV
- * LXC
- * Kubernetes

VoIP:

- * Asterisk
 - * Network education help me a lot here also.
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Databases:

- * Database theory. Structure, keys, normalization, queries, transactions, users, rights, boolean algebra.
- * SQL language
- * MariaDB & MySQL
- * PostgreSQL
- * InfluxDB (special DB for time-series data)
- * Microsoft SQL
- * Microsoft Access
- * Brief experience with NoSQL, MLP databases. CouchDB and MongoDB.

Monitoring:

- * Zabbix (and it's items system, triggers, autodeploying and using active agents, etc.)
- * Grafana
- * InfluxDB
- * netdata
- * Graphite
- * SNMP
- * Windows SNMP provider
- * Windows WMI
- * Windows Perf
- * Microsoft Powershell
- * Windows sysinfo
- * Windows logging and troubleshoot experience
- * Linux Filesystem Hierarchy
- * Linux logging (Syslog, Journald)
- * Linux Finger
- * S.M.A.R.T. (SmartMonTools and so)
- * Hardware sensors information

Programming & scripting languages I have experience on:

- * Go
 - * Python
 - * C
 - * C++ (basics)
 - * Node.JS (+ Jade, Express.JS)
 - * JavaScript (+ jQuery, CSS, HTML5)
 - * Bash, Bourne Shell, Dash, Fish, ZSH, Bat files, PowerShell
 - * BASIC (ZX Spectrum)
 - * Visual Basic
 - * Pascal
 - * university course of C#, .Net
 - * Emacs Lisp
 - * Haskell
 - * QT, QML, QT Quick
 - * Assembler (TASM)
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Network OS:

- * Cisco IOS 12.4T, and 15M
- * Cisco Catalyst
- * MikroTik RouterBOARD
- * Brief experience with Huawei VRP

Solid Telecommunications knowledge:

- * Higher degree at Telecommunications. Master and underway to Postgraduate degree. Bachelor degree was more software centered (STP modification for PON networks). Master degree more hardware centered (WDM in PON networks). From my interest to hard subject solidly I know software, hardware, and remember most of underlying Telecommunication theory, Calculus, Probability theory, Classical electrodynamics that was strong points at my University.
- * Got CCNA education.
- * Was main practical lecturer and held practices and labs for business courses. Courses was created specifically for Ukrainian national broadcasting company. From basics of networking, ISO levels 1-3, IP/TCP stack, Cisco and MikroTik basics, basics of switching, VLANs, basic routing & protocols, to basics of encryption, and VPN tunneling, client and site-to-site. This all I explained them in detail. And there was 6 waves of courses. That is why I have knowledge of networks on something more than Cisco CCNA level because of my Networking education & CCNA courses & some job and science experience of additional and essential topics like multi-area OSPF, MPLS, optical networks.

Social skills:

- * Respectfully direct
- * Love smart people
- * Love to work in a team where people appreciate each other
- * Love exchange goals, views, ideas, improve upon them
- * Love zones of responsibility and mutual help. Love efficient management. If I received a task and you pay me – it is my responsibility, and not yours. Rich/effective in live people have this mindset.

More description of my experience at <https://blog.latukha.com/bio>

Work Experience

Freelance and private work

August 2014 - March 2017

Doctor of Philosophy (Ph.D.), Telecommunications engineering | National Technical University of Ukraine "Kyiv Polytechnic Institute"

September 2013 - July 2016

Was working in institute. Researching, writing material, teaching student classes, teaching business courses.

Computer and Information Systems Manager | SI BIS

April 2013 - June 2014

Was responsible for all infrastructure of medium-sized IT company (~70 fellow workers).

Unix System Administrator | Tangram

January 2013 - April 2013

Was a Linux administrator, hostmaster, field support engineer.

Practice in «Regional Customs House of the State Customs Service of Ukraine», «ППОФ-IT» (ЕДРПОУ: 33542612), got in internship in IBM.

Education

Doctor of Philosophy (Ph.D.), Telecommunications engineering | National Technical University of Ukraine "Kyiv Polytechnic Institute" (not finished)
2013 – 2016

Master of Technology (M.Tech.), Information and Telecommunication Networks | National Technical University of Ukraine "Kyiv Polytechnic Institute"
2007 - 2013

Language

English, Ukrainian, Russian — fluent. Written and spoken on high business and technology level. Many years of experience negotiating with entrepreneurs, teams from «first world» countries. Primarily USA.
