

Philipp Kulin

St.Petersburg, Russia
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Golang Software Engineer

GitHub: schors
LinkedIn: schors

Looking for a job in Finland, in EU, in the USA, in Canada.

Skills

Languages Proficient	Golang, Python, Perl
Languages Experienced	C, Shell, HTML, CSS
Platforms	Linux, KVM, Docker, Ubuntu, FreeBSD, MySQL, PostgreSQL, LAMP
Tools	Git, ansible, vim, Prometheus, Grafana
Interests	Compilers, DNS/DNSSEC/DoH/DoT, IoT, Webhosting
Communication	English (professional use), Russian (native)

Experience

Golang Software Engineer / Electronic tracking systems

SPbEC Mining, St.Petersburg, Russia | Oct 2020 — Present

- Developed embedded devices (RS485) scraper: Golang, grpc
- Maintained CI/CD: Jira, Gitlab
- Introduced a monitoring system: Prometheus, Grafana
- Shared best practices and guided 5+ engineering team: WSL2, Docker, gnuplot, metrics, tests
- Also worked directly in the mines

System Architector and Software Engineer / Webhosting

DiPHOST.RU (diphost.ru), St.Petersburg, Russia | Aug 2006 — Oct 2020

- Built and maintained webhosting control panel: Perl, Python, Twisted, XML, XSLT, MySQL
- Owned and operated webhosting infrastructure: FreeBSD, Linux, SmartOS, ZFS, Docker, Ansible, Apache, Nginx, Exim, Cyrus IMAP, Dovecot, NSD, Unbound
- Was a heroic technical support

Software Developer / Crawler engine

eFind.ru (efind.ru), St.Petersburg, Russia | Nov 2006 — Sep 2009

- Rewrote crawler engine to search electronic componets in the stocks online: pure Python event driven, XML

Software Engineer and System Administrator / Webhosting

Peterhost.ru, St.Petersburg, Russia | Apr 2002 — Nov 2006

- Created webhosting control panel from the ground: Perl, XML, XSLT, MySQL
- Built and operated webhosting infrastructure: FreeBSD, Linux, Apache, Nginx, Exim, Cyrus IMAP, BIND

Software Developer / Marine equipment

CSRI Electropribor, St.Petersburg, Russia | Apr 1997 — Apr 2002

- Built software for marine navigation systems: C, assembler

Projects

Creator

User II usher2.club, Community project | Apr 2018 — Present

- Created website about internet restrictions in Russia: [usher2.club](#): HTML, Twitter Bootstrap
- Developed Russian internet blacklist's database: Python, Flask
- Built "resolve server" which resolves restricted domains: Golang, Unbound
- Developed Telegram bot [t.me/u2ckbot](#) which check if a resource in the Russian internet blacklist: Golang

Education

Automation of technological processes and productions, *Peter the Great St.Petersburg Polytechnic University*

1993 — 1996

Public talks

RootConf 2009 (Moscow, Russia): <i>Simple mail server architecture</i> (presentation) (in Russian)	Apr 2009
ENOG 4 (Moscow, Russia): <i>Hosting providers and content complaints</i> (presentation) (in Russian)	Oct 2012
ENOG 14 (Minsk, Belarus): <i>Domain operator — guide to DNSSEC</i> (presentation) (in Russian)	Oct 2017
CryptoInsatallFest 5 (Moscow, Russia): <i>A popular DNS security overview</i> (presentation) (in Russian)	Oct 2018
HighLoad++ 2018 (Moscow, Russia): <i>Russia internet restriction's technical issues</i> (presentation) (in Russian)	Nov 2018
GolangConf 2019 (Moscow, Russia): <i>Why Golang so strange?</i> (video and slides) (in Russian)	Oct 2019
Saint HighLoad++ 2021 (St.Petersbug, Russia): <i>A popular DNS security overview</i> (presentation) (in Russian)	Sep 2021