

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. Relocation needed.

Skills

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|------------------------------|--|
| 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

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| 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 |