



Jan Sokol

Resumé

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Education

- 2010–2014 **Střední Průmyslová Škola Elektrotechnická**, *field of study: Automation and Computer Engineering*, Pardubice.
Audio amplifier with remote control built using Arduino platform with code written in C language. **[thesis in Czech]**
- 2014–now **CTU, Faculty of Information Technologies**, *field of study: Information Technology*, Prague.
Pacman game written v C++ using ncurses libraries for *NIX systems; MIT license. **[git repo]**
Pentesting of MARAST (internal school system). **[report]**
Bachelor thesis: Infrastructure for automated instalation of servers – PXE, Ruby, Foreman; **[git repo]**
- 2017–2018 **University of Copenhagen**, *Masters field of study: Computer Science*, Copenhagen.
projects: Interpreter and Parser for JavaScript written in Haskell

Work Experience

- 2013, 2014 **Technician**, *JZ systém, s.r.o.*, Prague.
Instalation and deployment of BTS devices for Telefonica O2.
- Jul 2015–Feb 2017 **DevOps**, *CDN77*, Prague.
DevOps/sysadmin on backend of a CDN product.
- Nov 2017–Jan 2018 **Student Researcher**, *Copenhagen Business School*, Copenhagen.
Creating and administering big data lab running on Hadoop/Spark.
- Jan 2018–now **Cloud Engineer**, *Deutsche Boerse*, Prague.
Building Monitoring stack using Telegraf / Influxdb / Chronograf / Kapacitor / Grafana (TICK).
Building logging stack with help of Elasticsearch / Beats / Kibana.
In cloud, with terraform and ansible.

Hard Skills

Languages

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|---------|----|---------------------------------------|
| Czech | C2 | <i>native speaker</i> |
| English | C1 | <i>advanced (TOEFL iBT 86 points)</i> |

Computer Skills

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|---------------------------|---|
| Coding skills | Python (Backends - Flask, Django), C for low-level stuff (smaller projects), functional (haskell/Erlang), starting to learn Angular [github profile] |
| Shell scripting | Python (+++), Bash (+++) Ruby (+), |
| Unix administration | Ansible(and Salt), KVM, Apache, Nginx, postgres, hadoop, Linux - Debian/CentOS/RHEL |
| Infrastructure Automation | Terraform |
| Network skills | Good understanding of TCP/IP, BGP & other routing protocols, vlan, bonding, interest in DDoS mitigation, |
| Others | Vim (<3), git, |

Others

Driving license, group B, active driver