

Curriculum Vitæ

personalities



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education

Bialystok University of Technology *Bachelor's degree* 2012 --- 2015
Bachelor's degree thesis topic: *Mathematics of secret sharing schemes* The aim of this thesis was to present some secret sharing schemes. *Secret sharing* refers to cryptography methods of sharing a secret K among group of people P – participants.

experience

inleo *DevOps* 2016 --- ...

- Configuration management with **Ansible**
- Building *continuous-integration* and *continuous-deployment* infrastructure based on Docker Datacenter: Swarm, Universal Control Plane, Docker Trusted Registry, Gitlab (including *continuous-integration* module), flocker with VMware infrastructure on backend.
- Clustering databases: PostgreSQL and Redis.
- Managing systems with Spacewalk.

Roche *Linux Administrator* 2016

- Writing **bash** and **Python** based utils for automation.
- Maintaining local repository: building, versioning and deploying **RPM** packages.
- Maintaining infrastructure with **Ansible**.
- Providing web application security tests.
- Configuring *Intrusion Detection Systems* and *Intrusion Prevention System*.
- Creating security policies, hardening operating systems and services.
- Part of recruiting team.

TangramCare *Linux Administrator* 2015

- Maintaining infrastructure based on ProxmoxVE, OpenVZ containers and KVM virtual-machines.
- Working on various Linux distributions and UNIX based operating systems: Debian, CentOS, SmartOS.
- Responsible for network infrastructure: configuring network devices, maintaining VPN tunnels (IPSec and L2TP) and DHCP and DNS services.

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- Maintaining databases: PostgreSQL, MongoDB, OracleDB, Redis and queues systems, like: RabbitMQ.
- Configuring HTTP servers, like: Apache2, nginx supporting Python (Django, gunicorn, Celery) based applications.
- Implementing infrastructure monitoring based on Zabbix.
- Configuring Gitlab and Jenkins as software creation deployment backend.
- Deploying virtual-machines using Kickstart.
- Working on Docker with Python based applications.
- Part of recruiting team.

BIT *Systems Engineer*

2014 --- 2015

- Responsible for installing, configuring and maintaining various Linux distributions (CentOS, RHEL, Ubuntu, Debian, Oracle Linux).
- Configuring Apache2 supporting PHP based applications.
- Providing backup based on Bacula Software: creating and implementing backup policies for databases and operating systems.
- Building monitoring based on: Zabbix and Graylog2.
- Implementing high-availability with tools: keepalived, LVS, pacemaker, corosync and load-balancers: HAProxy, nginx.
- Configuring clustered file-systems: OCFS2, GlobalFS2, GlusterFS and clustered web services.
- Managing clustered database servers: MySQL.
- Auditing operating systems using various tools, in example: Lynis.
- Managing infrastructure based on Ansible.
- Working and configuring VMware ESXi Virtualisation Technologies.

Vimana *IT Systems Administrator*

2013 --- 2014

- Configuring telephony based on Asterisk.
- Managing KVM hypervisor.
- Configuring SAMBA shares.
- Maintaining LXC containers.