Michał **Skalski**

SOFTWARE ENGINEER

Poznań, Poland

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Skills

Programming	Go, Python, Bash, Bazel, Make, Git
Infractructure	Linux, Kubernetes, AWS, OpenStack, Ansible
Languages	Polish, English, Japanese (beginner)

Summary

I like to build simple systems which have to solves complex problems. Worked for companies which pioneered IaaS at local market, and help with private clouds adaptation globally. Enthusiast of open source software.

Experience

Juniper Networks   *Poznań, Poland*

SOFTWARE ENGINEER SR STAFF   *Jan. 2018 - present*

- Design and develop k8s controllers for Cloud-Native Contrail Networking (CN2) in areas related to life cycle management and integration with third party platforms like AWS EKS and OpenShift
- Developed contrail-operator, the k8s operator for Contrail Classic SDN
- Developed Contrail Cloud - Red Hat OpenStack based platform integrated with Contrail SDN
- Solving problems with complex systems like K8s, OpenStack
- Build advanced CICD pipelines using bazel, jenkins etc.
- Contributing to open source projects

Mirantis   *Poznań, Poland*

PRINCIPAL DEPLOYMENT ENGINEER   *Aug. 2014 - Jan. 2018*

- One of the main contributors in FUEL@OPNFV project, successfully delivered 3 main releases. Learned how to efficiently work in open source project. Cooperated with different working groups focused on preparing CI/CD jobs for validation of NFV solution like OpenDaylight SFC, dpdk, kernel-rt. Involved in debug sessions. As a core reviewer both developed and reviewed puppet, python, bash code.
- Created plugin for Mirantis Fuel which integrate OpenDaylight SDN controller. Gained more experience with network part of OpenStack, Open-Daylight SDN controller and Open vSwitch.
- Created puppet module for NetApp E-Series storage arrays. Learned how to manage remote network devices with puppet and write tests for own modules. Developed custom providers in ruby to use available REST API.
- Worked with US and EU customers, on site and remote, deploying and maintaining OpenStack and related technologies.
- Member of R&D group which evaluated new NFV products, prepared proof of concepts, designed new solutions.

Oktawave   *Warsaw, Poland*

SYSTEM ADMINISTRATOR   *Oct. 2012 - Jul. 2014*

- Gained experience with managing VMware based public cloud.
- Being On-Call, improving monitoring system and automate recovery procedures.
- Maintained public object storage based on OpenStack Swift technology.
- Created program for optimal distribution of VMs disk files across storage nodes, using VMware API and MSSQL.
- Automated system administration tasks and unified server's configuration with Puppet.
- Deployment and tuning of ELK stack.

AGH University of Science and Technology   *Cracow, Poland*

IT ADMINISTRATOR   *Nov. 2011 - Oct. 2012*

- Designed and implemented distributed IT infrastructure monitoring system using Nagios core, check_mk, pnp4nagios.
- Installed and configured high availability cluster virtualization platform based on VMware vSphere 5.
- Provided possibility to create and manage Git repositories with Gitolite, integrated with existing services: LDAP, Track.

radiofonia.fm   *Cracow, Poland*

LINUX SYSTEM ADMINISTRATOR   *Jan. 2010 – Nov. 2011*

- Designed and implemented backup system using the Bacula tool.
- Created development and production environment for KVM virtual machines and OpenVZ containers based on Proxmox platform.

Education

Jagiellonian University   *Cracow, Poland*

B.A. in Electronic Information Processing   *2008 - 2011*

Pedagogical University   *Cracow, Poland*

M.A. in Political science   *2006 - 2011*

Presentation

EMEA Tech Fest   *Berlin, Germany*

Co-Presenter   *Jul. 2018*

- Containers, PaaS and Public Cloud with Contrail

OPNFV Summit   *Berlin, Germany*

Presenter   *Jun. 2016*

- Fuel Plugins: The best way to integrate your project with FUEL@OPNFV