

Frantisek Janus

Skilled system engineer and developer.

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Work experience

September 2017 - March 2018

System DevOps engineer at Securosys SA in Zürich, Switzerland

- Development of infrastructure for a HSM as a service
- Infrastructure design, implementation, operation and setup of monitoring tools
- Work mainly with FOSS tools

September 2014 - August 2017

Network manager at Bühler group in Uzwil, Switzerland

- Change and incident management in network infrastructure consisting of more than 3k active network devices
- Experience with vendors like Cisco, Riverbed, Microsoft
- Development of custom scripts (in Python) and utilization of configuration management tools (Ansible)
- Implementation of CI/CD pipeline for proxy auto configuration files, which was utilized by more than 10k clients

July 2011 - June 2014

Implementation project manager at HP Enterprise services in Bratislava, Slovakia

- Responsible for implementation of various network changes for enterprise customers
- Work mainly on Cisco, HP and Checkpoint devices

May 2009 - June 2011

Network support specialist at Soitron for EU commission secure network sTesta in Bratislava, Slovakia

- Firewall management Juniper ISG & SSG
- BGP implementation engineer
- Network issue troubleshooter

March 2008 - May 2009

Network support agent at Soitron for EU commission secure network sTesta in Bratislava, Slovakia

- 1st line support

Skills

- Experience with desing, implementation and maintenance of highly available and scalable services and computer networks
- Analytical thinker
- Programming skills
- IT security conscious
- Good communication skills in written and spoken form
- Languages: English (fluent), German (fluent), Swiss German (good comprehension), Slovak (native)

Technologies

Programing and scripting languages

- Python - experienced
- Bash - experienced
- go - basics

Databases

- noSQL (MongoDB) - experienced
- SQL - basics

Version control

- Git

Environment

- GNU/Linux - experienced. My main day to day driver is Debian.
- Windows - experienced from corporate environment
- macOS - user
- IDE: Pycharm
- Editor: vim, neovim

Computer networks

- TCP/IP
- Routing OSPF, BGP
- Switching on ethernet
- DNS BIND

Monitoring tools deployment and administration

- Icinga
- Prometheus only POC testing
- Smokeping

Web and front-end technologies:

- HTML
- Bootstrap CSS framework
- Flask (experienced) and Django (beginner) framework

Miscalanous:

- configuration management with Ansible
- packaging and deployment with Docker
- container orchestration with Kubernetes only POC testing with minikube & Raspberry Pi
- continous integration with Gitlab CI
- regular expressions
- GPG *also with smartcards"
- HDD encryption with LUKS
- LIR technical administration experience

Education

2008 - 2011

Faculty of Informatics and Information Technologies, Slovak University of Technology in Bratislava, Slovakia: Master's degree

2005 - 2008

Faculty of Informatics and Information Technologies, Slovak University of Technology in Bratislava, Slovakia: Bacherlor degree

Certificates

- Cisco CCNP, CCDP, CCNA DC
- ITIL foundation in IT service management
- German language - level C1 Göthe Institut

Free time

- Programming, e-Learning
- Outdoor sports running, bicycle, hiking, skiing
- Indoor sports squash, group fitness training
- Reading mainly non-fiction and technical literature
- Listening to podcasts mainly from IT area