

Kamil Urbanek

Automation Engineer

Started in/at the bottom of a food chain as a Engineer in Master Control Room team. After a while I changed it to being a *secretary* of a Network Squad Product/Owner. As time pass by, I learned that my laziness have different meanings: Network Automation and DevOps. From that day, I'm trying to tell everyone around me why and how to do it.

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📄 devnet.blog

Know Python

requests netmiko
napalm click rich
pandas pydantic
jinja

DevOps

StackStorm Git
Azure DevOps Ansible
Docker GitHub

Network

Palo Alto Panorama
Palo Alto Firewall
Cisco ISE Cisco IOS
Cisco NXOS

Tools

PyCharm PowerShell
Bash RHEL

Done Development

- ▶ Write and maintain tens of Python packages, following CI/CD standards.
- ▶ Train, guide and mentor coworkers in Python and network automation.

Automation

- Design, implement and maintain solutions such as:
- ▶ Automatic incident resolution on network devices.
 - ▶ Automated patching of various network devices.
 - ▶ Source of Truth database with data distribution to dependent entities.
 - ▶ Simplify and shorten a complex process of gathering, merging and analyzing data from different sources for formal purposes.

Application

- Introduce and maintain an open-source orchestrating application StackStorm:
- ▶ Deployed on OpenShift. Docker images build and delivered via Azure Pipeline.
 - ▶ Components RabbitMQ, Redis and MongoDB deployed and maintained using Ansible.
 - ▶ Develop and maintain custom workflows.

Work ING Business Shared Service B.V.

Jan 2021 - Present

IAAS Network - Senior DevOps Engineer

- ▶ Automatization whatever

ING Tech Poland

May 2018 - Jan 2021

Squad Network Stack - DevOps Engineer

- ▶ Supporting delegate of the Network Product Owner.
- ▶ Customer Experience Manager for a foreigner customer.

ING Service Polska

Aug 2015 - May 2018

Master Control Room - IT Engineer

- ▶ ITIL?

Learn Katowice School of Economics

Sep 2013 - Sep 2015

Computer science, forensics science speciality

Bachelor