

Curriculum Vitae

WORK EXPERIENCE

09.2019 – present

Polish Power Exchange (TGE)

Senior IT Systems Administrator

- Migrating present infrastructure to Infrastructure as Code (IaC) scheme.
- Planning and developing production and non-production environments (physical, virtual and logical).
- Planning and implementing new features to facilitate easier monitoring and growing the IT infrastructure.
- Maintaining and caring about the IT environment to keep it up to date and in stable operating (about 500 servers and virtual machines).
- Supporting supervisor in team managing.
- Continuous training team members in new technologies and approaches to solve issues.
- Developing tools in python, perl, bash to improve daily tasks and achieve the IT environment fully automated.
- Providing substantive support for QA, software developers, analysts teams and market operating department and other non-IT departments.
- Providing substantive support during projecting new environments for new applications and deployments.
- Developing ansible roles and playbooks to provide CI/CD.

01.2015 – present

GSWtech Systemy Informatyczne Paweł Gawkowski

DevOps Engineer

- Planning and developing production and non-production environments (physical, virtual and logical).
- Maintaining and caring about the IT environment to keep it up to date and in stable operating.
- Developing tools in python, perl, bash to improve daily tasks and achieve the IT environment fully automated.
- Managing AWS, lxc, docker and podman containers.
- Developing ansible roles and playbooks.
- Providing substantive support for software developers.

02.2015 – 08.2019

Polish Power Exchange (TGE)

IT System Administrator

- Installing, configuring and managing physical infrastructure (servers, arrays, SAN).
- Installing, configuring and managing Linux operating systems (especially Red Hat) and Windows Server.
- Supervising proper and continuous operation of the IT systems and the stock market systems.

- Implementing new features of stock market systems and providing technical support.
- Developing and managing Red Hat Satellite 6 (repository life cycle, puppet, ansible, virtual machine deployment).
- Developing and managing Zabbix monitoring system.
- Creating and developing tools to improve the work of the team and creating technical documentation.

11.2014 – 01.2015

home.pl S.A.

IT System Administrator

- Installing, configuring and managing dedicated servers.
- Configuring and managing network devices.
- Supervising over the correct and uninterrupted operation of IT systems.
- Performing tasks associated with creating / restoring backups.
- Creating and developing tools to improve the work of the team and creating technical documentation.
- Solving problems coming to Customer Service Centre and substantive support for Customer Service Centre.

01.2013 – 10.2014

home.pl S.A.

Junior IT System Administrator

- Installing, configuring and managing dedicated servers.
- Configuring and managing network devices.
- Supervising over the correct and uninterrupted operation of IT systems.
- Monitoring and analyzing performance of servers / services clients.
- Performing tasks associated with creating / restoring backups.
- Creating and developing tools to improve the work of the team and creating technical documentation.
- Solving problems coming to Customer Service Centre and substantive support for Customer Service Centre.

PROJECTS

Performance monitoring of stock market systems in real-time using ELK and Grafana.

Apr 2021 – Aug 2021

Openscap policies implementation and vulnerabilities remediation – increased the level of security in high scale.

Jan 2021 – Apr 2021

Migration from lxc and docker containers to rootless podman containers.

Sep 2020 – Feb 2021

Migrating stock market systems from Red Hat 6 to Red Hat 7 with implementing automatization and CI/CD.

Aug 2020 – Nov 2020

Asterisk implementation.

Jun 2020 – Sep 2020

Ansible AWX implementation.

Jun 2020 – Aug 2020

Agricultural Market implementation.

Jan 2019 – Feb 2020

JIRA, Bitbucket and Bamboo implementation.

Dec 2019 – Feb 2020

IPA implementation.

Nov 2019 – Jan 2020

Ansible implementation with migration from puppet.

Jan 2019 – Nov 2019

MIFID2 implementation.

Jan 2017 – Jan 2019

Red Hat Satellite 6 implementation.

Jan 2017 – Dec 2017

SAPRI Trading System implementation.

Feb 2015 – Nov 2017

X-Stream Trading System implementation.

Feb 2015 – May 2017

Implementation of the infrastructure of monitoring system – Zabbix.

Feb 2016 – Dec 2016

EDUCATION

03.2011 – 07.2012 West Pomeranian University of Technology Szczecin.
Master of Engineering in Computer systems and mobile technologies.

10.2007 – 03.2011 West Pomeranian University of Technology Szczecin.
Engineer's degree in Computer systems and software.

QUALIFICATIONS AND SKILLS

Skills:

- Linux systems (especially Red Hat, CentOS, ArchLinux, Gentoo) and Windows Server.
- Configuration management solutions: Red Hat Satellite 6, Ansible, AWX, Terraform.
- Infrastructure monitoring systems: Zabbix, HPE OneView.
- Atlassian and CI/CD systems: Jira, Confluence, Bamboo, Bitbucket, Jenkins.
- Version control system: Svn, Git.
- Scripting programming languages: bash, perl, python.
- Databases: MySQL, PostgreSQL and Oracle.
- Identity management systems: Red Hat IDM (Free IPA), OpenLDAP, Kerberos, Active Directory.
- Services/tools configuration: DNS, DHCP, iptables, Apache, Nginx, Tomcat, NFS, Samba, SSH, Dovecot, Postfix.
- High availability cluster configuration: Pacemaker, Linux Virtual Server.
- Virtualizations, containerization and clouds solutions: VMware ESX, KVM, LXC, docker, podman, Amazon AWS, OpenShift.
- SAN basis, FC Brocade configuration and HPE 3PAR arrays.
- Solutions used to ensure high availability of the file system: DRBD, cLVM and clustered file systems: OCFS2, GFS2.

Personal traits:

- Quick learner.
- Analytical skills.
- Ability to work under pressure.
- Work in a team.

CERTIFICATES

- Red Hat Certified Architect in Infrastructure.
- Red Hat Certified Specialist in High Availability Clustering.
- Red Hat Certified Specialist in Identity Management.
- Red Hat Certified Specialist in OpenShift Administration.

- Red Hat Certified Specialist in Containers and Kubernetes.
- Red Hat Certified Specialist in Ansible Automation.
- Red Hat Certified Engineer.
- Red Hat Certified System Administrator.

COURSES

- HPE Accelerated SAN Essentials.
- HPE Managing HP 3PAR StoreServ III.
- HPE Managing HP 3PAR StoreServ II.
- HPE Managing HP 3PAR StoreServ I.

LANGUAGES

- Polish: native or bilingual proficiency.
- English: professional working proficiency.

HOBBIES

- Computer clusters.
- Virtualization, containerization, clouds and CI/CD.
- Integrated network services.
- Action and sci-fi movies and books.
- Sport.