Paweł Szafer

Network admin, programmer

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⚰ Birthdate: 05 February 1987

About me

Network engineer, programmer and web developer. I am passionate about open source software. I have experience with managing Linux/Unix based system and Microsoft Active Directory networks. I like to learn new programming languages and techniques. I love to automate processes everywhere it is possible. Currently I would like to work more remotely.

Technical skills

- routing (pfSense, mikrotik) and switching (Cisco, HP, Dell),
- vpn (OpenVPN),
- network managment systems (Nagios, Icinga),
- network log managment (graylog, ELK, syslog),
- IT asset managment (GLPI),
- project managment (Redmine),
- Radius (FreeRadius and Microsoft NPS),
- network backup (bacula, backuppc) and cloud backup,
- server virtualization technologies (hyper-v, proxmox, kvm, virtualbox),
- container virtualization (docker, lxc),
- basics of IT automation (Ansible),
- git.

Programming languages

- Bash,
- Perl,
- Python,
- PHP,
- Javascript,
- C#,
- Javascript,
- Powershell (basics).

Markup

- HTML,
- XML,
- LaTex,
- Markdown.

Databases

- T-SQL,
- Linq,
- LDAP.

Programming techniques

- Jquery
- Wordpress themes,
- Wordpress plugins,
- Google Apps Scripts,
- Nagios/Icinga2 scripts.

Other

- vector graphic design in Inkscape and graphics in GIMP.

Experience

2014 - **Senior network admin**, TB Hydro, Poznan

- team tasks managment,
- analysing and developing ISO 9002 certification in IT and managment deparment,
- analysing and developing new technologies needed,
- investigating, diagnosing and repairing all systems and network problems,
- developing and maintaining process automation
  - network managment system based on Icinga2,
  - network log managment based on Graylog2,
  - network backup managment based on tape backup (Bareos) and
  - cloud backup (Google Drive backup),{ managing Google Apps for Business,
- installing and managing network infrastructure,
  - router,
  - Windows Servers,
  - network monitoring based on IP cameras
  - switches,
  - WiFi Radius,
  - VPN,
  - Synology DiskStation,
  - VLAN,
  - VoIP,
  - server virtualization,
- creating Google Apps Scripts based application for internal use eg. live gate entrance monitoring based on NFC cards.

2012 - 2014 **Network admin**, TB Hydro, Poznan

- network managment,
- users managment,
- website managment.

2011 - 2012 **IT technician**, Conspect, Poznan.

- building and repairing PCs

- installing and reinstalling operating systems,
- creating LAN networks in construction sites,
- repairing printers,
- repairing small routers.

Education

2010 - 2012 **Major in Computer Networks and Distributed Systems**

Poznan University of Technology, Poland

Master of Science degree

Thesis: Analysis of UPnP A/V and DLNA in the context of multimedia streaming

2007 - 2010 **Safety of computer systems**

Poznan University of Technology, Poland

Engineer

Thesis: Project and implementation network backup system

Professional networks profiles

in Linkedin http://linkedin.com/in/pszafer

○ Github https://github.com/pszafer

≝ Stackoverflow http://stackoverflow.com/cv/pszafer

Languages

🇵🇱	Polish	Native
🇺🇸	English	Advanced
🇩🇪	German	Elementary

Interests

Sport   football, cycling, skiing

Other   travelling, movies, new technologies, Raspberry Pi