



# Paweł Szafer

Network admin, programmer

✉ pszafer@gmail.com

📍 Bukowska/Złotowska, 60-195 Poznań

🎂 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 management systems (Nagios, Icinga),
- network log management (graylog, ELK, syslog),
- IT asset management (GLPI),
- project management (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,
- HTML,
- XML,
- T-SQL,
- Linq,
- Javascript,
- C#,
- Javascript,
- Powershell (basics).
- LaTeX,
- Markdown.
- LDAP.

## Markup

## Databases

## Programming techniques

## Other

- JQuery
- Wordpress themes,
- Wordpress plugins,
- vector graphic design in Inkscape and graphics in GIMP.
- Google Apps Scripts,
- Nagios/Icinga2 scripts.

## Experience

2014 -

### Senior network admin, TB Hydro, Poznan

- team tasks management,
- analysing and developing ISO 9002 certification in IT and management department,
- analysing and developing new technologies needed,
- investigating, diagnosing and repairing all systems and network problems,
- developing and maintaining process automation
  - network management system based on Icinga2,
  - network log management based on Graylog2,
  - network backup management 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 management,
- users management,
- website management.

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

 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,

blog about my bike travel accross both America continents <http://velomelon.com> and <https://facebook.com/velomelon>