Filip Kszczot

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Education

ICT Technician — Tomaszów Mazowiecki, Poland
Tadeusz Kościuszko Technical Secondary School No. 1 — *2018–2022*

Experience

IT Systems Administrator — Nov 2024 – Present
Transfer Multisort Elektronik sp. z o.o. — *Łódź, Poland*

- Administering Linux and Windows systems as both lead administrator and member of the sysadmin team
- Administering the Microsoft 365 platform as lead administrator for Entra ID, Teams and SharePoint Online, and as a team member across the rest of the ecosystem
- Administering the Atlassian Data Center ecosystem and migrating it to Atlassian Cloud (Jira, Confluence, Bitbucket, Bamboo, Crowd)
- Operating the company's offline Root Certificate Authority (HSM-protected keys)

Junior IT Systems Administrator — Oct 2023 – Nov 2024
Transfer Multisort Elektronik sp. z o.o. — *Łódź, Poland*

Microsoft 365 IT Specialist — Aug 2022 – Dec 2023
Polish Scouting and Guiding Association (ZHP) — *Warsaw, Poland*

- Supported the ZHP Headquarters in IT by designing and implementing processes that streamlined daily work
- Built and maintained Microsoft Power Automate flows and their components
- Created, updated and administered SharePoint intranet sites
- Managed Microsoft 365 mailboxes for staff and the national leadership
- Provided Microsoft 365 support to regional branches
- Assisted in administering the electronic correspondence registry software
- Provided day-to-day IT support to staff and the national leadership

Projects & Community

AS199680 | *BGP, IPv6, BIRD, VyOS/FRR, RPKI* — Feb 2023 – Present

- Operating a personal IPv6-only Autonomous System (RIPE NCC): 2×/48 with valid RPKI ROAs, two transit providers, FogIXP route server and ~70 BGP peers
- Running BIRD and FRR (VyOS) routers on VPS and bare-metal (ix.lodz) nodes
- Open, MANRS-based peering policy; maintaining PeeringDB, IRR (AS-SET) and RFC 8805 geofeed records

Homelab & Self-hosting | *Proxmox, k3s, Docker/Podman, HAProxy, Zabbix, Grafana*

- Running a hybrid SOHO infrastructure across home, colocation, OVH and VPS nodes, built around self-hosting and digital sovereignty
- Proxmox virtualisation with k3s (Kubernetes) and Docker/Podman workloads, published through HAProxy; managed with Ansible and Terraform
- Own internal DNS and PKI, WireGuard VPN and Authentik SSO; monitoring with Zabbix and Grafana; backups
- Hosting services for friends, including a media stack and a Matrix homeserver (migrated from Synapse to Continuwuity)

OwiesBot | *Python*

- Invite-only Twitch bot; started as a Govee smart-lights controller driven by chat commands and channel points, grew into a multi-purpose bot for streamers

Community | *ArchiveTeam, Milliways*

- ArchiveTeam: running Warrior and Docker workers, with a focus on archiving the Polish internet
- Member of Milliways; Chaos Communication Congress attendee

Technical Skills

Systems: Linux (RHEL, Debian, Gentoo), Windows Server, Active Directory
Infrastructure: Proxmox, Kubernetes (k3s), Docker/Podman, HAProxy, Zabbix, Grafana, PKI
Networking: BGP, IPv6, RPKI, BIRD, FRR/VyOS, RIPE DB, PeeringDB
Microsoft 365: Entra ID, Exchange Online, Teams, SharePoint Online, Power Automate
Atlassian: Jira, Confluence, Bitbucket, Bamboo, Crowd (Data Center, Cloud)
Automation: Ansible, Terraform, PowerShell, Bash, Python, Git
Languages: Polish (native), English (C1)

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