



Jakub Fišo

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ABOUT ME

System administrator with passion for open-source technology.

As part of my role in managing highly available systems, I have implemented various technologies such as load balancers, clustering, replication and failover mechanisms that provide robustness and redundancy. I dealt with pretty much every part of the stack in a typical webhosting company, including web, mail, virtualization and storage.

I love collaborating with colleagues and customers to achieve shared goals, while also able to take initiative and work independently. I love exploring and learning new things.

My favorite technologies include Debian, Nginx, ZFS, Proxmox VE and Podman (the Docker alternative). When it comes to scripting, I prefer POSIX shell over Bash and Python for anything more complex.

Currently I spend most of my time on hobbies such as exploring home automation, LLMs, decentralized social networks, virtualization technologies and self-hosting. I also have a blog at plantroon.com where I share some of my findings.

WORK EXPERIENCE

Linux System Administrator

Platon Technologies, s.r.o. [07/2017 – 10/2021]

Address: Bratislava (Slovakia)

City: Bratislava

Country: Slovakia

Website: <https://platon.net>

- Deployed highly available clusters utilizing LAMP and LEMP stacks, including Redis in the form of KeyDB
- Maintained and streamlined other stacks around NodeJS, Ruby on Rails and Tomcat
- Solved deliverability issues and deployed more efficient storage based on ZFS to improve mail hosting infrastructure reliability
- Implemented ZFS with replication and failover in clusters to reduce the risk of data loss or system failure
- Assisted with implementing Ansible playbooks to streamline processes and reduce errors, resulting in higher efficiency and better team collaboration
- Containerized old apps using Podman (less intrusive Docker alternative) to lower maintenance burden while preserving compatibility with customer's apps
- Improved security by adding features to in-house firewall and Xen virtualization solution
- Wrote documentation and instructions for possible disaster recovery
- Assisted customers in performance and security optimization of their apps.

uTest tester

uTest [01/2019 – Current]

- Participate in test cycles for localization and payment testing
- Test mobile apps, websites, and desktop apps on multiple platforms
- Test with various payment systems
- Provide image and video documentation of testing
- Submit detailed bug reports

Mobile phone repair technician

mobil online, s.r.o. [07/2016 – 12/2016]

Address: Lučenec (Slovakia)

City: Lučenec

Country: Slovakia

Website: <https://www.mobilonline.sk/>

- Repaired and refurbished phones, occasionally performed improvised low-cost IC reflow
- Conducted quality control checks on phones for the second-hand market
- Provided technical customer support, and processed warranty claims
- Unlocked android phones with forgotten Google accounts
- Modified imported phones to work in the local market
- Supported the company's IT tasks and wrote texts for the repair service part of the company's website

JOB-RELATED SKILLS

System administration

Here is a summary of my system administration skills and the technologies I am familiar with:

- troubleshooting and setting up various filesystems, luks, lvm2, ZFS
- experience with setting up VPNs, DNS servers, networking equipment
- working in virtualized environments based on xen, kvm, libvirt, Proxmox VE
- containerizing apps in docker, lxc, systemd-nspawn, podman
- working with svn, git
- basic knowledge of programming and markup languages, understanding and fixing errors in most languages
- experience with disaster recovery
- familiarity with Zabbix monitoring
- familiarity with Ansible configuration management
- experience in configuring and troubleshooting nginx, haproxy, keepalived, mysql/mariadb, redis/keydb, postfix, dovecot
- building, diagnosing, fixing computer/server hardware

EDUCATION AND TRAINING

Secondary education with maturita exam

Gymnázium Boženy Slančíkovej Timravy [2006 – 2014]

Address: Lučenec (Slovakia)

LANGUAGE SKILLS

Mother tongue(s): **Slovak**

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2