

Alexander Jozef Furian

Senior IT Administrator · Microsoft 365, networks, backups and cloud

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Senior IT administrator with hands-on experience in Microsoft 365, networking, backups and migration to AWS. I am responsible for operations: identity, backups, monitoring and production cutovers. I build software with AI: I let it propose and write, while the architecture, review, tests and security stay with me. I moved into IT in 2022 from hospitality.

Positions

01/2026 – present **Senior IT Administrator** · AlfaPro spol. s r.o.

06/2023 – 12/2025 **IT Backup & Monitoring Support** · AlfaPro spol. s r.o.

03/2022 – 06/2023 **Service Department Lead** · AlfaPro spol. s r.o.
Hardware service, preparing devices for client users, on-site visits, tickets.

12/2018 – 03/2022 **Waiter** · Restaurant & apartments
Serving guests and managing four apartments in a booking system.

Selected projects

Moving a regulated financial platform to AWS

Financial sector · 2026 · infrastructure, deployment, production cutover

Before go-live I found 11 blockers in the vendor's code, fixed infrastructure code that had never compiled, and on the night of 14 October 2026 ran the brokerage platform's cutover to production on AWS.

Blockers found before go-live: 11 · Resources in Pulumi: 59 · Data migration, 100% validated: 43 min · RPO / point-in-time window: ~5 min / 35 days

A SharePoint intranet for a law firm

Client project · 2026 · SPFx, Microsoft Graph, PowerShell

A full-page dashboard in SharePoint Online replaced the old self-hosted intranet: phone directory with presence, seating maps, lunch menus, memoranda and a data room.

Extra licences for presence: $0 · Presence from the attendance system: every 3–5 min · Rooms on the seating maps: 55 · Recorded decisions: ~15 ADRs

Subscription management for domains and hosting

Internal tool at an IT company · 2026 · TypeScript, React, MariaDB

It tracks expiry dates and sends the offer, the reminder or the escalation on its own every day. Customers renew or cancel with one link, no login needed.

Automated tests: 141 · Admin sign-in: Microsoft Entra · Deployment and monitoring: GitLab CI, Zabbix

A homelab run by an AI agent under supervision

Homelab · 2026 · Proxmox, pfSense, backups

A two-node Proxmox cluster with an off-site tiebreaker, separate VLANs and a mesh VPN. An AI agent acts as the operator, but hooks block destructive commands and every change is logged with how to undo it.

Restore test from backups: monthly, automated · Off-site backups: PBS and restic · Destructive command without approval: blocked

Fur-Minal: an SSH, SFTP and RDP connection manager

Personal project · 2026 · Rust, Tauri, React

A desktop app for managing connections that takes credentials straight from Bitwarden. Secrets never leave the Rust backend, and server keys are pinned on first connection.

Rust tests: 53 · Recorded decisions: 12 ADRs · Bitwarden cryptography: own implementation

FuryAI: a local AI pipeline for short videos

Personal project · 2026 · TypeScript, Ollama, whisper.cpp

From idea to publishing: script, voice, footage, captions and render all run locally. Jobs go through a resumable queue, so interrupted work picks up where it stopped.

Language model: Qwen2.5 14B, local · Voice and captions: Kokoro, whisper.cpp · Admin interface: local only, CSRF-protected

Critical PHP vulnerabilities: within 5 days of disclosure I mapped 228 targets across 65 clients.

Veeam: backups to off-site storage ~85% faster after I moved the proxy right next to it.

What I work with

Microsoft 365	Entra ID, Exchange, SharePoint, Teams
Cloud and deployment	AWS (ECS, RDS, S3, CloudFront, IAM…), Pulumi, GitHub Actions, Docker, Cloudflare
Automation	PowerShell, Power Automate, Bash
Servers	Windows Server and Active Directory, Linux, Hyper-V, VMware, Proxmox
Networks and security	FortiGate, MikroTik, pfSense, UniFi, Kerio, VPN, VLAN, ESET
Backups and monitoring	Veeam, Zabbix
Building with AI	TypeScript, React, SPFx, Node.js, Claude Code
Process	OTOBO (formerly OTRS), IT documentation, ADRs

Certificates

ESET modules 1–3: basic to advanced technical certifications

ESET module 4: Mail Security for Microsoft Exchange Server

ESET module 5: Endpoint Encryption

Languages

Slovak, native

Czech, very good

English, B1, working proficiency

Education

Hotel Academy, Mikovíniho Street, Bratislava · waiter programme

Project details at furian.sk. Client names are left out on purpose.