

Paweł Piwowar

Cloud DevOps Engineer

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PROFILE

Cloud DevOps Engineer specializing in resilient hybrid-cloud infrastructure (Azure, IONOS, VMware) for mission-critical, regulated environments. Automated 70% of provisioning across 80+ subscriptions and 1,000+ VMs; co-led one vCenter-to-cloud migration and drive a second with 15+ cross-functional teams. Designed and run a code-managed observability platform. Focus: reliability, security hardening, high availability and AI-assisted engineering.

TECHNICAL SKILLS & TOOLSET

Core / Proficient

Azure · IONOS Cloud
Terraform · Ansible (roles, Jinja2)
Azure DevOps
Linux: Debian/Ubuntu, RHEL/CentOS,
Oracle Linux
Grafana · Prometheus · PromQL
VictoriaMetrics · VictoriaLogs
Alloy · Loki · Tempo · Checkmk
OpenTelemetry / OTLP
Claude · ChatGPT · Copilot

Working knowledge / Hands-on

Azure Bicep · Entra ID / IAM
VMware vSphere / vCenter
Kubernetes workload operations
Docker · Git · Bash · PowerShell
Python (operations tooling & APIs)
Windows Server / Active Directory
OPNsense · PagerDuty
Jira / JSM · n8n

Familiar / Developing

Open WebUI · OpenRouter
Local LLMs · LangGraph · Qdrant
Argo CD · Jenkins · Site24x7
PostgreSQL · MySQL · MariaDB
Sophos · Cisco networking

LANGUAGES

English · C1
Polish · native
German · A1, actively learning

CERTIFICATIONS & TRAINING

Microsoft Azure AZ-104 - 2026
Cisco Support Technician CCST - 2024
Google AI Skills of Tomorrow 3.0 - 2026
Sekurak Academy - 2023/2024
EC-Council Essentials series

Next certifications

In progress: AZ-400 · AZ-305
Planned: CKA · Terraform Associate

EXPERIENCE

PTV Group

May 2024 - present · Full-time

Junior SysAdmin → SysAdmin → DevOps

● DevOps Engineer

Jan 2026 - present

Operations Team · DEV/STAGE/PROD K8s · SAFe · ITSM/ITIL

Multi-Cloud IaC & FinOps: Co-led one production vCenter-to-Azure/IONOS migration; driving a second, larger DC migration. Automated **70%** of provisioning with Terraform, Ansible and Bicep; reduced IONOS costs by **~20%** through rightsizing and run Azure cost reviews with Azure Advisor.

Observability as Code: Primary engineer: designed, built, and operate an observability and automation platform combining Grafana, Prometheus, Alloy, VictoriaLogs, and custom collectors. It delivers **50 advanced dashboards** managed as code and processes **~15M log lines/day**, bringing together infrastructure diagnostics, deployment traceability, DNS risk detection and DNS hardening monitoring, backup health, credential expiry, Azure/IONOS monitoring, licence monitoring, cloud-cost analysis, CheckMK integration, and incident history. Terraform, Ansible, and Azure DevOps automate core deployment, while n8n connects multiple workflows with PagerDuty, Intune, Jira, and Teams.

AI-Assisted Engineering: Use ChatGPT Enterprise and Claude Code for prototyping (Terraform, Ansible, Python) and documentation; built AI agents automating recurring operational workflows, code review, and security checks. Co-own the internal AI platform (OpenRouter, Open WebUI, n8n) as Entra ID administrator: access management, cost control, and further development.

Critical Infrastructure: Operate and maintain deployments for public-sector transport authorities across UAE/MENA, UK, and EU, spanning client-hosted, company-hosted, and hybrid models, including high-security client environments.

Incident Response & On-Call: PagerDuty first responder, Kubernetes diagnostics and initial triage. Extended Python tooling integrating PagerDuty, Kubernetes and Azure DevOps APIs.

● System Administrator

Nov 2024 - Dec 2025

Administered on-premise vSphere/vCenter (ESXi) clusters: VM lifecycle, performance diagnostics and troubleshooting, alongside Azure workloads. Prepared workloads for migration: dependency mapping, inventory and pre-migration validation; deployed and maintained CheckMK across hybrid infrastructure. Maintained OPNsense/Sophos network security and DNS/DHCP; participated in 24/7 on-call for mission-critical infrastructure.

● Junior System Administrator

May 2024 - Oct 2024

Joined the 24/7 on-call rotation early, detecting and helping resolve infrastructure alerts outside business hours. Provided international L1/L2 support and maintained technical documentation. Supported Azure and on-premise vSphere (ESXi) operations.

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SOFT SKILLS

Technical research & innovation
Analytical problem-solving
Active listening & communication
Collaborative team mindset
Resilient & positive attitude
Technical writing & knowledge governance

EDUCATION

Secondary education

LO ŻAK, Adult Education Center
In progress alongside work

Electrical engineering coursework

Technikum Elektrotechniczne
Electrical and systems fundamentals

EARLIER EXPERIENCE

Internal IT Support & Sales Specialist

Dystrybucja Net · November 2018 - April 2024 · Part-time

Solely managed small internal IT: Windows Server, Active Directory, networking, ERP/SQL Server and backups; technical sales and client relations.

E-commerce Administrator & Technical Founder

Dystrybucja AP · March 2020 - November 2022 · Freelance

Storefront setup, supplier feeds, payment/shipping integrations, domains and workflow automation.

PC Hardware Technician & IT Support

Markomps · January 2006 - December 2009 · Internship

PC builds, hardware diagnostics, Windows installs, upgrades and first-line support.

SELECTED PROJECTS

HomeLab 3.0

Building a VMware Workstation Pro lab to practise the full path from a reviewed change to a running, observable service.

Platform: Azure DevOps with self-hosted Linux agents; Terraform, Bicep and Ansible in Git; k3s with Argo CD for GitOps, drift and rollback practice.

Visibility: Prometheus, VictoriaLogs, Alloy, Grafana and OpenTelemetry.

Local AI: Local LLMs with LangGraph, Qdrant for RAG and Neo4j for system context; automation runs after a dry-run and human approval.

VR/voice: Meta Quest 3, WebXR/FastAPI, Whisper and Kokoro TTS.

Personal website · code to production

Bilingual EN/PL Astro site on Cloudflare, released like a production service.

CI: Azure Repos PRs with required validation; Azure Pipelines builds and verifies preview and production artifacts without deployment secrets.

Release: STAGE Worker with smoke checks, then owner approval before PROD.

Checks: Links, EN/PL, UI, security headers and this code-generated CV.

INTERESTS

Photography: Lumix S9 for landscapes, portraits and wildlife; Adobe Portfolio.

Books: Fantasy, horror, spy and political thrillers, techno-thrillers, self-development and technical books.

Music: Jazz & blues, electronic, synthpop and chill playlists.

Games: Strategy (Transport Tycoon, Age of Empires), RPGs and VR; board games such as The Witcher, Terraforming Mars and Catan.

Also: 3D printing (practical parts and board-game pieces) and good coffee.

I consent to the processing of the personal data contained in my CV for the purposes of the recruitment process for which I am applying, in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council (GDPR).