

Marek Tran

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PROFILE

Platform and DevOps engineer focused on infrastructure, automation, and cloud-native systems. Long-time homelab enthusiast, building and operating self-hosted Linux and Kubernetes environments since 2020 and bringing that hands-on experience into professional platform engineering. Former online guild leader, experienced in coordinating teams, aligning individual motivations, and driving shared goals.

EXPERIENCE

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2026 – Present

DevOps Engineer

- Infrastructure owner and platform engineer in a two-person operations team supporting four development teams.
- Own Azure cloud infrastructure across development, staging, and production environments, including AKS, networking, RBAC, managed databases, Key Vault, storage, and workload identities.
- Led the organization's adoption of GitOps practices, migrating Kubernetes deployments to Argo CD and driving infrastructure standardization through Terraform and Terragrunt.
- Designed and maintained reusable GitHub Actions workflows and CI/CD patterns used across engineering teams.
- Established the company's observability platform using OpenTelemetry, Grafana, Tempo, and VictoriaMetrics, defining telemetry standards and instrumentation practices across services.
- Act as the primary infrastructure contact for engineering teams, supporting platform architecture, deployment automation, Kubernetes operations, and application observability.

AmAzE-Security

2025 – 2026

Full-Stack Engineer

- **Booking System:** Migrated a legacy PHP 5 application to Laravel 12 with Inertia and Vue. Implemented new features, established GitLab CI/CD pipelines, managed deployments on Hetzner Cloud, and worked closely with the client on requirements and delivery.
- **Business Intelligence Portal:** Led development of a BI platform, designing APIs and frontend applications while coordinating integrations with third-party data sources. Acted as product owner for a small team, maintained Docker-based development environments, CI/CD workflows, and production deployments on Hetzner Cloud.

EagleScience

2023

Software Developer Intern

- Architected an edge-cloud IoT fault detection system and collaboratively developed a machine learning-based anomaly detection pipeline.
- Managed containerization and deployment processes, while serving as Scrum Master to coordinate sprints and maintain process documentation.

EDUCATION

TU Delft

BSc Computer Science & Engineering

2020 – 2025

- Specialization in Big Data. Electives included Human-Computer Interaction, Computer Security, and Collaborative Artificial Intelligence.
- Minored in Electrical Sustainable Energy Systems, focusing on power grid engineering.
- Concluded with a bachelor thesis on enhancing computer vision-assisted hand landmarking for early leprosy detection in thermographic images.

SKILLS

Programming Languages: Python, PHP, TypeScript/JavaScript, SQL, Bash

Cloud & Infrastructure: Microsoft Azure, Kubernetes, Docker, Terraform, Terragrunt, Argo CD, GitHub Actions

Observability: OpenTelemetry, Grafana, Tempo, Prometheus, VictoriaMetrics, Langfuse

Backend & Web: Laravel, FastAPI, Django, Vue.js

Operating Systems: Linux – NixOS, Ubuntu

Languages: Slovak (Native), English (Full Professional Proficiency), Czech (Full Professional Proficiency), Russian (Conversational), Vietnamese (Conversational)