TOMAS KLAS

DEVOPS ENGINEER

CONTACT

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🌐 www.linkedin.com/in/tomasklas

kazyklas

SKILLS

GitHub

Docker

Linux

Azure

Bash

Python

Ansible

EDUCATION

Bachelor's degree

CTU FIT

2017-2020

Information technology with focus on security

High school

SPS a VOS Pisek

2013-2017

Information technologies

LANGUAGES

English - B2 certificate

PROFILE

Technology enthusiast and as I call it the YAML programmer. I was helping my father in his IT company and I went to pursue my own career in the cloud rather than the hardware.

I studied at CTU FIT and started working for Datamole where I got my hands on Azure, Github, and Kubernetes and I started to like them.

Since then I would like to stick to those technologies and I would like to expand my knowledge and experiences.

I love any kind of sports, but most of the time I spent in the gym and playing badminton. I also like to read and dig deep into human psychology.

WORK EXPERIENCE

System administrator

Datamole   2018-today

- Management and administration of a computational cluster for data science, consisting of 8 nodes with Nvidia GPUs running on Ubuntu.
- Deploying and managing LXC containers for our data scientists with Ansible and custom bash scripts, that were used to set up the Jupyter environment in Docker.
- GitLab/GitHub administration and user management.
- Ensuring smooth migration from GitLab to Github and helping DEV teams with rewriting CI/CD pipelines and writing a custom tool for better migration of repositories and Docker images in Python.
- Creating terraform deployments for AKS, SQL databases, and AzureVMs
- OpenVPN maintenance and solution design for our needs and also for our customers with support and maintenance. The solution was built with Docker and deployed using Ansible.
- Kubernetes and ArgoCD, deployments with the GitOps approach.

Side projects

Freelance   2022-today

- In my spare time, I'm creating webpages in Webflow.
- Writing a blog in Docusaurus and deploying it into AzureWebApps through automated pipelines in GitHub.
- Thesis: Kubernetes cluster for password recovery. It consisted of setting up the VMs using Ansible, creating a docker image with support for the NVidia GPUs for the computation, and Python microservices for the frontend and backend. (https://gitlab.com/kazyklas/password-cracking-cluster)

IT administrator

ALPHACOMP s.r.o.   2012-2017

- Repair of various hardware, PCs, printers, and laptop diagnostics. (CPU, GPU, memory, and hard drives).
- Linux and Windows administration, user management, and driver installations.
- Networking and Office IT maintenance.
- Creating tenders for various companies and their needs.