



# ANDRÁS ZSITKO

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## SITE RELIABILITY ENGINEER | LINUX DEVOPS | AUTOMATION | CLOUD PLATFORM ENGINEER

### Skills

- ✓ Linux Servers
- ✓ Kubernetes
- ✓ Ansible
- ✓ Infrastructure as Code
- ✓ CI/CD Pipelines
- ✓ Public Cloud
- ✓ Site Reliability Engineering
- ✓ Platform Engineering

### Personal competences

- ✓ Positive attitude
- ✓ Enjoys working in a team
- ✓ Good communicator
- ✓ High quality work output
- ✓ Loves open source tech

### About me

My core values are teamwork, continuous learning and respect for others. I've honed my skills in various IT engineering jobs around the EU: in Slovakia, Ireland, Hungary, Denmark, and now aiming for Austria. In my free time I'm an Open Source home automation developer running services on my homelab Kubernetes cluster.

### PROFILE

I'm an experienced Site Reliability Engineer, passionate about Infrastructure as Code, Open Source and DevOps principles.

**Key skills:** Linux, Kubernetes, SRE, AKS, Ansible, Azure DevOps, Pulumi, Helm, MySQL, Prometheus, Grafana, Azure Cloud, GitOps, HAProxy

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### WORK EXPERIENCE

#### Site Reliability Engineer

Nets | Copenhagen, Denmark

Jan 2023 – Jun 2024

- Implementation and deployment of multi-tenant and multi-environment Kubernetes clusters | AKS Azure Kubernetes Service
- Infrastructure-as-Code & GitOps approach | Helm, Pulumi, Git
- Migration of previous-gen VMs to containerized services | Docker
- Monitoring, Metrics & Alerting | Grafana, Prometheus
- CI/CD implementation | Azure Pipelines, Azure DevOps

#### IT Operations Engineer – Platform Enablement

Nets | Copenhagen, Denmark

Nov 2021 – Jan 2023

- Design & automation of Linux-based Infrastructure | Ansible + RHEL
- Implemented a business critical transaction event storage database & message queue service from start to production | Axon Server
- Platform Enablement: close collaboration and mentoring of other cross-platform teams to embrace DevOps paradigms | SAFe
- Azure Cloud infrastructure automation with pipelines | Azure DevOps
- Operation and zero downtime maintenance of a high transaction volume 3DSecure card payment verification gateway | Modirum MPI

## Languages

- English – Fluent
- Hungarian – Native
- German – Basic
- Slovak – Fluent

## Certifications & Courses

### CKA Certified Kubernetes

**Administrator** (Course in progress)

*The Linux Foundation*

2024

### Docker and Kubernetes

**Administration KBS105**

*ComponentSoft*

2019

### Automation with Ansible DO407

*Red Hat*

2018

### MTCNA MikroTik Certified

**Network Associate**

*MikroTik*

2011

## Honors & Awards

### Applications & Platforms Hero

**Award** | 2019 | *Ericsson*

Granted for exemplary performance, work ethic, commitment and contribution to Ericsson's business.

### Senior IT Operations Engineer

Ericsson | Budapest, Hungary

Jul 2020 – Nov 2021

- Senior role with Infrastructure Engineering focus
- Architecture and implementation of configuration management on 1000+ Linux servers scattered in 10+ datacenters worldwide | Ansible
- DevOps transformation, introducing containers | Docker
- Management of global scale VM clusters | VMware vCenter & ESXi
- Mentoring junior engineers in best practices, tools and processes

### IT Operations Engineer

Ericsson | Budapest, Hungary

Jan 2016 – Jul 2020

- Operation & maintenance of 1000+ of Linux VMs | CentOS
- Administration of hypervisor infrastructure | VMware ESXi
- Maintenance of bare metal infrastructure | Dell PowerEdge
- Network Administration | Juniper Networks SRX
- Network Security & Policies | Pulse Secure PCS, PPS/UAC
- Log aggregation | Balabit Syslog-ng Store Box
- Operation of a VPN-based remote support environment | IPSec VPNs
- L2/L3 Support for fellow Ericsson engineers

### Application Support Engineer

Xanadu Consultancy | Cork, Ireland

Sep 2014 – Jul 2015

- Management of 350+ Linux VMs | Debian, Ubuntu
- Operation of high volume web applications serving 500 million API requests / day | HAProxy + nginx
- Management of HA database clusters with replication | MySQL
- Maintenance of Java Application servers | GlassFish
- Management of DNS servers | bind
- Monitoring system health & performance | Zabbix, Nagios

### Linux System Administrator

J. Selye University IT Centre | Komarno, Slovakia

Feb 2012 – Aug 2014

- Linux server deployment & maintenance | CentOS, Debian
- Technical support to 300+ users
- Storage systems config & maintenance | NFS

## Extraordinary Performance

**Award** | 2019 | Ericsson

Recognized for extraordinary performance & effort during a high pressure time period. A positive impact has been measured in metrics and KPIs.

## CAS "Innovathon" Hackathon

**1st Prize Winner** | 2019 | *Ericsson*

Ericsson Customer Access & Security department's hackathon for finding innovative projects. My project was a working solution for using Ansible configuration management to deploy fully configured virtual machines to VMware vCenter/ESXi.

## References

Available upon request

## Technical Support Engineer

SEVENET Internet | Sturovo, Slovakia

Jun 2011 – Aug 2011

- Management of network infrastructure | MikroTik
- Monitoring & Alerting | Zabbix
- IT Support for clients of the Internet Service Provider

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## EDUCATION

### Master's Degree in Information Technology / English Language / Teaching Methodology

*J. Selye University, Slovakia*

Sep 2006 – Jun 2011

Thesis Grade: A

Activities and societies: Students' Council Delegate

Volunteering: IT Network Administrator & IT Support

### ERASMUS European Union Student Exchange Programme

*Eötvös Loránd University (ELTE), Hungary*

Jan 2010 – Jun 2010

Exchange student at the ELTE Faculty of Informatics

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