Contact

michal@frio.sk

www.linkedin.com/in/michalmraz1 (LinkedIn)

Top Skills

Linux System Administration
Team Leadership
Ansible

Languages

English (Full Professional)
Slovak (Native or Bilingual)
French (Elementary)
Czech (Native or Bilingual)
Spanish (Elementary)

Michal Mraz

Senior System Engineer & Team Lead at ESET | Linux Infrastructure (1,500+ servers) | Ansible · Terraform · AWS · Zabbix
Bratislava, Bratislava, Slovakia

Summary

I lead a team of 9 Linux engineers at ESET, responsible for the architecture, engineering and operations of approximately 1,500 Debian, Ubuntu and Alma/Rocky Linux servers across physical, virtual and IaaS environments. Our work focuses on automation, monitoring and reliability, while meeting strict security requirements and undergoing regular audits. Before taking on a team leadership role, I spent several years building and operating ESET's global web infrastructure on AWS, working with Kubernetes (EKS), Terraform and disaster recovery. While my current role is primarily focused on leadership, I make a point of staying hands-on. At FRIO, a software company I co-founded in 2009, I still manage the underlying infrastructure - servers, mail, databases, backups and automation. I also enjoy experimenting with new tools in side projects. This helps keep my technical judgement grounded in practical experience. Over the past year, I've also been exploring how to write more effective prompts and make practical use of AI assistants, primarily Claude and ChatGPT, often through CLI-based tools. Most of this experimentation happens at FRIO, where I have the freedom to explore new tools and workflows. Along with my side projects, it helps me stay technically engaged and continuously learn. What I care about: automation, open-source tooling, reliability and security.

Experience

ESET

10 years 6 months

Senior System Engineer & Team Lead

January 2023 - Present (3 years 11 months)
Bratislava, Slovakia

I lead a team of 9 Linux system engineers responsible for the architecture, engineering and operations of approximately 1,500 Debian, Ubuntu and Alma/Rocky Linux servers across physical, virtual and IaaS environments.

- Set technical direction and priorities for the team, balancing engineering projects with day-to-day operations
- Oversee infrastructure automation with Ansible/AWX, authentication with FreeIPA and monitoring with Zabbix
- Ensure infrastructure meets strict security standards and passes regular audits without major findings
- Contribute to team budgeting and forecasting, as well as interviewing, hiring and evaluating engineers
- Mentor engineers, delegate responsibilities and coordinate work across projects and operational tasks

Other technologies and tools include GitLab, VMware ESXi, Kubernetes, Docker, Jira and Confluence.

System Engineer III/Team Coordinator
June 2022 - December 2022 (7 months)
Bratislava, Slovakia

Combined hands-on engineering with team coordination, including task delegation, project tracking, budget forecasting and participation in candidate interviews and evaluations.

System Engineer III
June 2019 - May 2022 (3 years)
Slovakia

Responsible for the infrastructure behind ESET's global websites, with a focus on availability, performance and reliability.

- Built and maintained AWS infrastructure (EC2, RDS, CloudFront, S3) using Terraform, AWS CLI and console
- Built Kubernetes infrastructure on AWS EKS using Terraform
- Migrated existing infrastructure to Terraform and developed a disaster recovery solution
- Managed SSL certificates and domains, including automated certificate distribution using Certbot, Vault and consul-template
- Operated nginx, Apache, HAProxy, MySQL and DNS (NS1)
- Monitored infrastructure with Zabbix and troubleshot issues across application, database, OS, network and hardware layers
- Worked with development and marketing teams to translate requirements into technical solutions
- Delegated tasks to junior team members

Linux web services specialist
June 2016 - May 2019 (3 years)
Slovak Republic

Administered Linux-based web services supporting ESET's public websites.

- Operated nginx, Apache, HAProxy, MySQL and supporting Linux services
- Managed DNS records and SSL certificates for company domains
- Monitored services with Zabbix and troubleshot incidents across application, OS and network layers
- Supported development and marketing teams with deployments and technical requirements

FRIO
Co-founder & Infrastructure Lead
March 2009 - Present (17 years 9 months)
Trencin, Slovakia

Co-founded FRIO in 2009, a software company focused on custom intranet, web, CRM and mobile applications.

As Infrastructure Lead, I manage the systems supporting development, production and client operations:

- Physical and virtual servers, including hypervisors and storage
- Mail servers, databases and supporting infrastructure
- Automation of deployments, backups and routine operations
- Long-term maintenance and support of systems delivered to clients

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Education

DTI Dubnica nad Váhom
Bachelor's degree, Teacher Training in Practical Economic Subjects · (2012 - 2016)

Tomas Bata University in Zlín
Bachelor's degree, Management and Economics · (2006 - 2010)