

## **Antonín Ečer, DiS.**

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### **Profile**

Senior Infrastructure and Automation Engineer with strong enterprise Linux operations experience, patch orchestration, compliance and hardening. I design automation to be auditable, transparent and sustainable at scale. I also build custom tooling and experiment with local AI (RAG) to accelerate troubleshooting and operational decision-making.

### **Experience**

Komerční banka, System Engineer (08/2021–12/2025)

Managing and automating 7,000+ Linux/Unix servers (Ubuntu, RHEL, CentOS). Building patch management workflows, compliance reporting and hardening standards. Automation with Ansible, AWX and Foreman, version control with Git. Developing operational tooling and scripts (Bash/Python/PHP), reporting and audit support.

Digiteq Automotive (VW Group), IT Architect / Senior Systems Administrator (2018–2021)

Design and operations across Linux/Windows infrastructure, Hyper-V and VMware virtualization, network segmentation (Cisco, Fortigate, VLAN), monitoring and troubleshooting. Coordinating infrastructure changes and improving operational stability through automation and scripting.

Orea Hotels, IT Manager (2004–2018)

End-to-end management of infrastructure for a hotel network (HQ + multiple sites). Implementation and integration of hotel systems (Opera PMS and related systems), standardization, vendor management, helpdesk leadership and operational continuity.

Ericsson, IT Specialist (1999–2004)

Internal infrastructure support, helpdesk operations and cross-team collaboration in a telecom environment.

### **Selected Projects**

LM Helper: local RAG system (FAISS + Flask + local LLM) for offline infrastructure troubleshooting without data leakage.

Quantum Random API: experimental HTTP service providing high-quality cryptographic randomness with a backend designed for future quantum hardware integration.

Return: GPS application project with planned game layer extension.

Homelab: Proxmox cluster, virtualized firewall/router, VLAN segmentation, Docker services, Tailscale VPN, OCI free tier.

### **Core Skills**

Linux (RHEL, Ubuntu), Ansible, AWX, Foreman, Git, Docker, VMware, Proxmox, KVM, Hyper-V, Cisco switching, Fortigate, VLAN, Bash, Python, PHP. Operational focus: incident/problem/change, auditability, hardening and patch management.

### **Education & Certifications**

Diploma in Information Technology (DiS.). ITIL4, PRINCE2, TOGAF L1/L2, CCNA, Oracle SQL, Kubernetes (2022). Hands-on AWS training (compute, networking, storage, IAM, monitoring, security).

### **Languages**

Czech (native), English (B2).