

## Objective

To find a challenging position to apply and expand my skills. Specifically interested in a DevOps engineer role at a company that will allow me to put into practice all the knowledge acquired over years of working with programming and scripting languages, development and building processes, automated testing techniques, and securing applications running in Linux and Cloud environments.

## Summary of qualifications

- Strong knowledge of Linux with two decades of experience in the field.
- Throughout my career, I have built a solid foundation of core technical skills and knowledge. I am confident in my ability to understand and work with a wide range of technologies.
- Expertise in web application development and deployment.
- Experience working remotely. Able to work independently or as a member of remote distributed team.

## Technical competencies

- Programming languages: **Python, Shell scripting(bash/grep/sed/awk and other GNU tools), working knowledge of C and GoLang**
- Provisioning and configuration management: **Ansible, Terraform**
- Monitoring, Alerting, Log aggregation, Analytics visualization: **Prometheus, Alertmanager, Grafana, Fluentd, Logstash, Loki, Promtail, InfluxBD, Sentry, PagerDuty, Icinga**
- Operating systems: **Debian and Ubuntu Linux, RHEL and CentOS, FreeBSD and OpenBSD**
- Virtualization and containers management systems: **Proxmox, Docker, docker-compose, Libvirt, Qemu, LXC/LXD, Nomad**

## Professional experience

*Experienced DevOps engineer with networking, IT security and programming skills. Two decades of experience and practice in the industry.*

- **DevOps Engineer** Czech Republic and Germany  
• **Self-Employed** January 2025 - present
  - architected and deployed robust server environments utilizing Docker and Portainer for streamlined container management
  - implemented Traefik as a High Availability (HA) reverse proxy and load balancer to ensure zero-downtime routing and automated SSL management
  - containerized 20+ projects, standardizing environments across development, staging, and production
  - designed and maintained end-to-end CI/CD pipelines via GitHub Actions, reducing manual deployment overhead and increasing release velocity
  - developed custom GitHub Actions to automate niche workflow requirements and proprietary internal processes
  - established a comprehensive monitoring and alerting stack using Prometheus, Grafana, and Alertmanager, providing real-time visibility into system health
  - engineered a secure company network perimeter by deploying and configuring OPNsense VPN solutions
  - developed a specialized mailserver monitoring solution to optimize deliverability and reduce bounce rates by filtering unverified recipients
  - managed identity and access by installing and configuring OpenLDAP for centralized authentication across company services
  - modernized deployment logic by replacing legacy shell scripts with modular, reusable Ansible roles, improving configuration consistency and scalability

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- **DevOps Engineer**  
**ModernTV s.r.o.**  
Brno, Czech Republic  
October 2020 - November 2024
    - designed, implemented and maintained CI/CD pipelines in on-premise GitLab instance
    - successfully migrated to GitLab CI/CD from Jenkins 50+ of customer's projects
    - worked closely with development and operations teams to understand their needs and implemented tools to improve their efficiency on time consuming tasks
    - ensured that pipelines are reliable, efficient, and scalable, meet the needs of customers' business requirements
    - maintained monitoring, logging and alerting, ensuring high availability and performance
    - provided technical guidance and trainings to other team members on topics such as Git, Python, Ansible, Information Security, including sharing best practices, conducting code reviews and troubleshooting issues
    - refactored and standardized 100+ Ansible roles, implemented testing with Molecule and testinfra to ensuring they work properly across different combinations of operating systems and virtualization environments.

Used technologies and tools: **Debian Linux, CentOS, Python, Perl, Shell scripting, GoLang, Ansible, Terraform, Logstash, Promtail, Loki, Sentry, HAproxy, Traefik, Consul, Nomad, etcd, Docker, docker-compose, MariaDB, Galera**

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- **Python Developer and IT Security Consultant**  
**Self-Employed**  
Brno, Czech Republic  
June 2018 - September 2020
  - consulting and web application development
  - code reviews and project optimization
  - Linux servers security audit and hardening

Used technologies and tools: **Python, pylint, pep8, flake8, black, Django, Flask, VueJS, Shodan, VirusTotal**

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- **Python Developer and IT Security Specialist**  
**Honeywell, Security Operations Center**  
Brno, Czech Republic  
October 2016 - May 2018
  - automation of the incident response tasks
  - integrating of existing SOC proprietary systems through reusing of APIs
  - deploy and evaluate external proof-of-concept tools
  - threat hunting and penetration testing

Used technologies and tools: **Python, Flask, Falcon, Shodan, FireEye, Splunk**

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- **Python Django Web Developer**  
**Whys s.r.o.**  
Brno, Czech Republic  
May 2016 - September 2016
  - refactored and fixed bugs in the legacy Django project
  - installed GitLab and imported into it a bunch of existing git repositories
  - supervised junior developers and provided trainings
  - implemented strict rules of the Django project workflow
  - implemented TDD (Test Driven Development)
  - set up staging and production servers

Used technologies and tools: **Python, Django, GitLab, Git**

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- **Python Developer and DevOps Engineer**  
**self-employed**  
world-wide  
February 2009 - September 2016
  - development and deployment of web-based solutions mainly for small and medium businesses all over the world

Used technologies and tools: **Python, Celery, Django, Flask, MongoDB, MySQL, PostgreSQL, Redis**

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- **Linux System Administrator**  
**Opus Auto Plus**  
Khmelnitsky, Ukraine  
February 2008 - February 2009
  - installed and configured company's Linux servers
  - connected 5 company's branches using OpenVPN

- configured company's mail server and DNS server
- configured load balancing between two internet channels
- monitored security of servers and provided solutions to possible security holes

Used technologies and tools: **Debian Linux, Postfix, OpenVPN, Bind, Squid, Samba**

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- **PHP developer** Kyiv, Ukraine
- **Panic Price** May 2006 - January 2008
  - analyzed customers requirements and developed appropriate tools for implementation and customization of online shopping cart system
  - installed and configured web server software

Used technologies and tools: **Apache, PHP, MySQL, HTML, JavaScript**

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## Education

- **Kamianets Podilsky State University** Ukraine
- **Master's degree in Information Technology** September 1997 - June 2002
  - Programming, Data Structures and Algorithms