

# Daniel Nikoloski

✉ nikoloskid@pm.me   in Daniel Nikoloski   🌐 cloudwithdan

## Education

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**OSU Mirko Mleski**, General Education Diploma 2012 – 2016  
**Ss. Cyril and Methodius University**, Computer Science 2016 – 2018

## Experience

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**Bragg Gaming**, Platform Engineer Ljubljana  
2025 – Present

- Redesigned the cluster infrastructure in GKE
- Successfully implemented Cloud Native mindset
- Implemented best GitOps practices with FluxCD
- Provisioning and deploying with Ansible
- Provisioning and maintaining Google Cloud
- Facilitating Deployments with GitLab CI/CD
- Implemented full stack monitoring with Grafana and kube-prometheus-stack
- Implemented full logging with Loki
- Analyzed and migrated GKE managed ingresses to Traefik
- Implemented authentication and authorization with Oauth2-Proxy
- Integrated various Security scanning checks in the GitLab pipeline, scanning and linting the files, the Infrastructure as Code files with Trivy and container scanning with Trivy
- Implemented Autoscaling solutions in Kubernetes environments utilizing Kubernetes Event-driven Autoscaling (KEDA), optimizing resource use

**XLAB D.O.O.**, DevSecOps Engineer Ljubljana  
2022 – 2024

- Successfully implemented Cloud Native mindset
- Implemented GitOps practices on various projects
- Provisioning and deploying with Ansible
- Provisioning and maintaining Huawei Cloud clusters
- Facilitating Deployments with GitLab CI/CD
- Migrated Docker based applications to Kubernetes
- Writing and maintaining IaC, with helm charts
- Configuring and managing Grafana + Prometheus stack
- PostgreSQL Databas Administration
- Revamped Kubernetes Secrets Management, Proposed and led the adoption of Vault + External Secret, significantly enhancing secret management security
- Analyzed and Proposed Ingress Traffic Solutions using Traefik
- Implemented authentication and authorization with Keycloak and External auth server
- Integrated various Security scanning checks in the GitLab pipeline, scanning and linting the files, the IaC files with Trivy, container scanning with Trivy
- Integrated Tetragon: security observability and runtime enforcement tool that applies policy and filtering directly with eBPF
- Implemented Autoscaling solutions in Kubernetes environments utilizing Kubernetes Event-driven Autoscaling (KEDA), optimizing resource use

**Mobik D.O.O**, DevOps and Network Engineer

Ljubljana  
June 2020 – Dec 2022

- Managed and maintained Cisco network infrastructure, VPNs (Cisco AnyConnect, FortiVPN), and DNS, ensuring secure and efficient network operations
- Developed and deployed Dockerized environments for operational infrastructure, implementing CI/CD pipelines for production with Ansible and GitLab. Automated the best CIS Security practices for Debian
- Set up and administered Linux servers on bare metal and cloud, including web applications (Nginx, Apache), firewalls, and VMware EXSi for reliable system integration and performance
- Monitored and optimized infrastructure with Zabbix, deploying custom templates and proxies to meet SLAs and ensure system resilience
- Documented and designed network and system infrastructure using Visio to support system specifications and technical requirements

## Projects

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### Infrastructure as Code

[HomeOps - IaC configuration](#) 

- Homelab playground, using Talos OS for Kubernetes. Deploying and maintaining a IaC with various applications, testing the newest Cloud Native practices. Testing backup strategies, security, scalability, etc.
- Tools Used: Kubernetes, Helm, Kustomization, Cloud Native, CloudnativePG Kubernetes Operator, FluxCD, Renovate, Uptime-Kuma, Grafana, Prometheus, HashiCorp Vault, External Secrets and more.

## Technologies

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**Languages:** Python, Bash

**Technologies:** Linux, Cloud Native, Network, Git, GitOps, Ansible, Docker, Kubernetes, FluxCD, AgroCD, CloudnativePG Kubernetes Operator, Terraform, Zabbix, Grafana, Prometheus, Traefik, Nginx, Apache, Load Balancing, Keycloak, Trivy, Tetragon, Continuous Integration and Continuous Delivery (CI/CD), Infrastructure as code (IaC)