Ilya K.
Senior DevOps (Azure), Cloud Infrastructure Engineer

SUMMARY

- DevOps Engineer with 5+ years of expertise in automating Azure and hybrid cloud infrastructures using Terraform, Terragrunt, and Azure DevOps.
- Proficient in Kubernetes (AKS), containerization (Docker), and scripting with PowerShell, Bash, Python, and Go to enhance deployment automation and operational efficiency.
- Experienced in managing identity and access with Entra ID, hybrid AD, and securing cloud environments using Defender for Cloud, Sentinel, and CrowdStrike.
- Skilled in building and maintaining CI/CD pipelines with Azure DevOps, GitHub Actions, and GitLab CI, supporting scalable and reliable application delivery.
- Location: Poland, EU timezone

TECHNICAL SKILLS

Main Technical Skills	Azure DevOps, PowerShell, Azure, Kubernetes
Security	AWS Security Groups, Crowdstrike, Microsoft Intune, Sentinel, Sentinel (Microsoft Sentinel), Wireshark
Data Analysis and Visualization Technologies	Kibana
Databases & Management Systems / ORM	Cosmos DB, ELK stack (Elasticsearch, Logstash, Kibana), Microsoft Azure SQL Server, MySQL, PostgreSQL
Cloud Platforms, Services & Computing	Azure, Hetzner
Azure Cloud Services	AKS, Azure AD hybrid identity, Azure DevOps, Azure VM, Cosmos DB, Entra ID, Microsoft Azure SQL Server
Amazon Web Services	AWS Security Groups
Deployment, CI/CD & Administration	Ansible, ArgoCD, FluxCD, GitLab CI, Helm, Jenkins, loki
QA, Test Automation, Security	Crowdstrike, Postman, Wireshark
Virtualization, Containers and Orchestration	Docker, Docker Compose, Kubernetes, Terraform, Terragrunt, VmWare
Version Control	Git, Github Actions
Web/App Servers, Middleware	GlassFish, Nginx, squid

Operating Systems	Linux
Logging and Monitoring	Logstash, Prometheus, Zabbix
Third Party Tools / IDEs / SDK / Services	Office 365
Mail / Network Protocols / Data transfer	Postfix, tcpdump, VPN
Scripting and Command Line Interfaces	PowerShell
Other Technical Skills	MFA, Promtail, Site Recovery, Wazuh

WORK EXPERIENCE

Cloud Infrastructure and DevOps Engineer (Azure, AKS Workloads Management)

Duration: Feb 2024 – Apr 2026

Summary:

- Managed and supported Azure cloud infrastructure including Azure Virtual Machines and AKS-based workloads, ensuring high availability and scalability
- Designed and maintained Infrastructure as Code using Terraform and Terragrunt to standardize infrastructure
- Built and managed CI/CD pipelines in Azure DevOps for automated deployments
- Supported identity and access management with Entra ID and hybrid identity environments, and contributed to cloud and endpoint security using Defender for Cloud, Sentinel, and CrowdStrike

Responsibilities:

- Deployed and operated Kubernetes workloads with strict environment separation and workload isolation.
- Automated operational processes using PowerShell, Bash, Python, and Go.
- Supported identity and access management including Entra ID and hybrid identity environments.
- Supported Microsoft 365 integrated environments for infrastructure operations and reliability.
- Worked with SQL Server, Azure SQL, and Cosmos DB backed services.
- Contributed to cloud and endpoint security monitoring and threat visibility.
- Built and improved monitoring, alerting, and operational visibility for Azure workloads.
- Improved deployment reliability and reduced manual effort through automation.
- Strengthened infrastructure consistency, scalability, and maintainability through platform standardization.

Technologies: Microsoft Azure, Azure Virtual Machines, AKS, Kubernetes, Azure DevOps, Terraform, Terragrunt, Docker, Windows Server, Linux, PowerShell, Bash, Python, Go, Entra ID, Microsoft 365, Defender for Cloud, Sentinel, CrowdStrike, SQL Server, Azure SQL, Cosmos DB

DevOps Engineer (Hybrid Infrastructure and Financial Services Platform Support)

Duration: Nov 2021 – Jan 2024

Summary:

- Developed and maintained CI/CD pipelines and supported hybrid infrastructure environments with Linux and Windows servers using Ansible
- Deployed and maintained applications in Kubernetes clusters and built Docker images for consistent deployments
- Automated operational tasks improving reliability and automation for a critical financial services platform
- Configured Nginx and Squid for traffic control and developed an internal API service
- Supported Microsoft-based business systems and enhanced network security with MFA and strict security controls

Responsibilities:

- Supported Microsoft-based business systems contributing to system availability and operational support.
- Configured Prometheus, Grafana, Zabbix, and ELK stack for and performance monitoring
- Enhanced network security posture by implementing Multi-Factor Authentication and enforcing security controls.
- Troubleshooted infrastructure and network issues and created technical documentation and architecture diagrams.

Technologies: VMware, Kubernetes, Docker, Ansible, Nginx, Squid, Jenkins, GitLab CI, PostgreSQL, Linux, Windows, Prometheus, Grafana, Zabbix, ELK Stack, Wazuh, Python, Bash, PowerShell, MFA

Python Engineer, DevOps - Internal Project (Backend Service Development)

Duration: May 2021 – Oct 2021

Summary:

- Developed backend services using Django and Django REST Framework, building REST APIs integrated with PostgreSQL database and implementing JWT-based authentication
- Containerized applications using Docker and configured Nginx
- Configured CI/CD to deliver a secure backend service with automated deployment processes

Responsibilities:

- Built REST APIs applications using Postgres as backend.
- Implemented JWT-based authentication for secure access.
- Containerized applications environments using Docker.
- Configured Nginx for application delivery.
- Delivered secure backend service with automated deployment processes, CI/CD pipeline setup, and configuration.

Technologies: Python, Django, Django REST Framework, Docker, PostgreSQL, Nginx, Git, CI/CD

EDUCATION

- **Computer Science and Software Engineering, State University, 2021**