Valerii K.
Expert Senior DevOps Engineer

SUMMARY

DevOps Engineer with 15 years in IT and 8 specializing in DevOps/SysOps. Expertise in cloud, CI/CD, and security enhancements. Proficient with Kubernetes, Terraform, AWS, and various CI tools. Recognized for infrastructure optimization, cost reduction, and system robustness. Holds an Applied Mathematics degree and is fluent in English and Ukrainian. Portfolios include telecom analytics solutions, SaaS platforms, and system migrations, with a strong focus on scalability, monitoring, and compliance.

TECHNICAL SKILLS

Main Technical Skills	Terraform, Docker, CI/CD, Cloud solutions
Programming Languages	PHP, VBA
.NET Platform	Azure, VBA
JavaScript Frameworks	Ember.js, Ext JS, NestJS, Next.js, Node.js, React
UI Frameworks, Libraries, and Browsers	Semantic UI
PHP Frameworks	Symfony
Data Analysis and Visualization Technologies	Kibana
Databases & Management Systems / ORM	ELK stack (Elasticsearch, Logstash, Kibana), Microsoft SQL Server, MySQL
Cloud Platforms, Services & Computing	AWS, Azure, GCP, Rackspace
Azure Cloud Services	Azure Key Vault, Hyper-V
QA, Test Automation, Security	Apache Maven
Deployment, CI/CD & Administration	ArgoCD, CI/CD, CircleCI, GitLab CI, Helm Charts, Jenkins, Jenkins pipeline, OpenVPN, SonarQube

Version Control	BitBucket, Github Actions
Hosting, Control Panels	cPanel
Logging and Monitoring	Datadog, Grafana, Logstash, Prometheus, Zabbix
Virtualization, Containers and Orchestration	Docker, Docker Compose, IPSec VPN, Kubernetes, OpenVPN, Proxmox, Rancher, Terraform
Platforms	Fastlane, IOT, WordPress
Mail / Network Protocols / Data transfer	IPSec VPN, IPv6, OpenVPN
Message/Queue/ Task Brokers	Kafka, RabbitMQ
SDK / API and Integrations	Keycloak, Windows API
Web/App Servers, Middleware	LAMP, Windows Server
Methodologies, Paradigms and Patterns	microservices architecture
Other Technical Skills	Bareos, CIS Benchmarks, Hashicorp Vault, k3s, LEMP, Semantic Versioning, Symantec Endp, Veeam backups

WORK EXPERIENCE

Senior DevSecOps, Custom Audio-Video Solution

Duration: 2022-2023 (13 months)
Summary: A project tailored for 5G networks focused on the analysis and visualization of communication issues during audio-video content transmission.
Responsibilities: Creating infrastructure for the development using Terraform; customizing and hardening BigData applications; providing CI and CD pipelines; implementing CIS Benchmark recommendations; working in a multinational team; reducing cloud costs and improving performance and scalability.
Technologies: Azure, Terraform, Helm/Helmfile, k8s, GitLab CI, Artifactory, BigData applications, custom ML solutions

DevOps Engineer, Company development IaC and CD refactoring

Duration: 2021-2022 (6 months)
Summary: IaC and CD refactoring for a company specializing in smart water management solutions.
Responsibilities: Updating and refactoring existing Terraform code; refactoring YAML files to standalone Helm Chart; using Helmfile for continuous deployment; solving autoscaling and performance issues on IoT device data; adapting the monitoring system.

Technologies: AWS, IoT, Terraform, Kubernetes, Helm charts, Autoscaling, Kafka, DataDog

DevOps Engineer, Healthcare company infrastructure refactoring

Duration: 2021 (6 months)
Summary: Infrastructure refactoring for optimizing costs within a healthcare company's Kubernetes clusters.
Responsibilities: Establishing Kubernetes clusters using Terraform; developing Helm charts for microservices; conducting high load tests for autoscaling; migrating production environment; maintaining system health and security.
Technologies: GCP, Terraform, Kubernetes, Helm charts, Autoscaling, Grafana

DevOps Engineer, Web application for staff analysis

Duration: 2020-2021 (5 months)
Summary: Development of a web application for staff analysis aimed at improving HR strategies and process.
Responsibilities: Creating AWS infrastructure; deploying kubernetes clusters; automating autotests; configuring backup and monitoring systems.
Technologies: AWS, Terraform, Helm, k8s, Bitbucket Pipeline, Grafana, Stash, RabbitMQ

DevOps Engineer, SaaS platform

Duration: 2020 (4 months)
Summary: Migration of a SaaS CRM platform from bare-metal server to Kubernetes clusters focused on managing communities and educational events.
Responsibilities: Creating Kubernetes clusters in AWS / Azure; deploying containers; making builds with Bitbucket Pipelines; creating Grafana dashboards.
Technologies: AWS, Azure, k8s, Helm, Autoscaling, Bitbucket Pipeline, Grafana

DevOps Engineer, A set of portals for the Jewish community

Duration: 2020 (8 months)
Summary: Migration and maintenance of a set of portals for the Jewish community focused on combating destructive addictions.
Responsibilities: Developing a migration plan; performing migration; preparing sites for donation campaigns; setting up Zabbix; streamlining cloud infrastructure.
Technologies: cPanel, PHP, MySql, Zabbix

Team lead of the Support team, Confidential

Duration: 2011-2020 (over 8 years)
Summary: Overseeing IT support for a large fintech company with a network of offices, optimizing company projects and internal processes.
Responsibilities: Managing a team of IT engineers; working with VIP clients; developing management projects; optimizing service quality and proactive responses; providing technical support.
Technologies: Windows Server, Hyper-V, MS SQL Server, CentOS, Debian, Tomcat, Microsoft Azure, Active Directory

EDUCATION

- **Specialist in Applied Mathematics**
  2004 - 2009