KOSTIANTYN KOSTIN
DevOps Engineer

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📍 Chicago, IL

EDUCATION

Bachelor of Science in Public Health, Kherson State University, Kherson, Ukraine, June 2019

CERTIFICATES

- AWS Cloud Practitioner
- AWS Solutions Architect
- HashiCorp Terraform
- GitHub Actions
- PCEP - Python Certified
- LPI - Linux Essentials

SKILLS

- Cloud Computing - AWS
- IaC - Terraform, AWS CloudFormation
- CI/CD - GitHub Actions
- PaC - Checkov
- Monitoring - Prometheus, CloudWatch, Grafana
- Orchestration - Kubernetes
- Containerization - Docker
- SCM - Git, GitHub, BitBucket
- Scripting - Bash, Python
- OS - Linux

OTHER SKILLS

- Team Player
- Flexible & Adaptable
- Eager and curious to learn Presentation
- Problem Solving
- Time Management

SUMMARY

DevOps Engineer with a strategic mindset and a focus on building reliable, automated, and scalable systems. I approach technology as a craft — combining precision, structure, and adaptability to deliver consistent results. Dedicated to continuous improvement, efficiency, and creating environments where teams and systems operate seamlessly together.

Experienced in AWS cloud automation, Infrastructure as Code, and CI/CD practices with a focus on reliability and scalability.

WORK EXPERIENCE

DevOps Engineer
aKumoSolutions   2024 Jun-Present

- Automated AWS infrastructure provisioning using Terraform modules, enabling consistent, scalable, and repeatable multi-environment deployments.
- Designed and maintained Terraform backends (S3 + DynamoDB locking) to ensure safe state management and reliable cross-account automation.
- Deployed AWS resources including EC2, S3, VPC, ALB, RDS, IAM, Network ACLs, NAT gateways, and Auto Scaling.
- Managed AWS multi-account environment through AWS Organizations, implementing Service Control Policies (SCP) for security, governance, and region/tag enforcement.
- Built CI/CD pipelines using GitHub Actions with OIDC, automating infrastructure deployments, Docker builds, and validation workflows.
- Integrated Checkov for IaC scanning to enforce policy compliance and prevent misconfigurations before deployment.
- Created and optimized Dockerfiles for application packaging, and managed image storage and lifecycle in AWS ECR.
- Assisted in deploying workloads to EKS (Kubernetes), using Helm charts for simplified releases and environment consistency.
- Monitored infrastructure and application performance using CloudWatch, Prometheus, and Grafana, configuring alerts, dashboards, and log analysis.
- Configured CloudTrail, VPC Flow Logs, and Route53 query logs to enhance auditing, observability, and troubleshooting in cloud environments.
- Automated operational tasks using Bash and Python scripts, improving engineer productivity and reducing manual effort.
- Managed IAM roles, permission boundaries, and cross-account access following least-privilege and CIS best practices.
- Used Git, GitHub, and Bitbucket for version control, collaboration, pull requests, and CI/CD integrations.
- Participated in root-cause analysis for deployment and infrastructure issues, improving reliability and preventing repeat failures.
- Contributed to documentation of architecture, Terraform standards, tagging/naming conventions, and troubleshooting guides in Confluence.
- Worked within Agile methodology, participating in sprint planning, reviews, and team ceremonies to ensure smooth project delivery.