Yevgen S.
Senior DevOps/MLOps, Cloud Architect

SUMMARY

- DevOps/Cloud Architect with 10+ years of experience in DevOps, Cloud, and MLOps engineering; - Led large-scale projects including Hadoop-to-AWS OLAP migration, cutting operational costs by 25% and improving system performance; - Expertise in Kubernetes-based microservices architectures, AWS Fargate, and high-availability designs achieving 99.99% uptime; - Experience in multi-cloud (AWS, GCP) and hybrid on-prem/cloud adoption; - Skilled in containerization and orchestration with Docker, Kubernetes, and OpenShift; - Advanced in Infrastructure as Code (Terraform, Helm, Ansible) and GitOps/CI/CD automation (GitLab CI, GitHub Actions, ArgoCD, Jenkins); - Delivered automated CI/CD for serverless apps with AWS SAM, reducing deployment time from hours to 20 minutes; - Experienced in MLOps with AWS Sagemaker and Kubeflow, building end-to-end ML workflows; - Skilled in DevSecOps, implementing RBAC, Secrets Manager, SAST/SCA scans, reducing vulnerabilities by 50%; - Skilled in cloud networking, storage, and big data systems (Spark, Hadoop, EMR, Kinesis); - Expertise in Python, Go, Java, and Bash for automation and integration; - Experience of technical leadership, mentoring engineers, and guiding 50+ developers in Kubernetes/Docker adoption; - Experienced in architectural design, Cloud as Code initiatives, and cross-team collaboration; - Certified Kubernetes Administrator (CKA), AWS Solutions Architect, and GCP Professional Cloud Architect.

TECHNICAL SKILLS

Main Technical Skills	AWS, MLOps, Kubernetes, Terraform, Gitlab actions
Programming Languages	Go, Java, Python
Android Libraries and Tools	Angroid Architecture Components
AI & Machine Learning	AWS SageMaker, AWS SageMaker (Amazon SageMaker), Kubeflow, Mlflow, OpenCV, PyTorch, TensorFlow, YOLO
JavaScript Libraries and Tools	Dropzone js
Python Libraries and Tools	PyTorch, TensorFlow
Data Analysis and Visualization Technologies	Apache Airflow
Security	IAM
Databases & Management Systems / ORM	AWS DynamoDB, Microsoft SQL Server, MongoDB, MySQL, Neo4j, PostgreSQL, Redis
	AWS, GCP

Cloud Platforms, Services & Computing	
Amazon Web Services	AWS API Gateway, AWS Cloudformation, AWS CloudFront, AWS CloudWatch, AWS DynamoDB, AWS EC2, AWS ECS (Amazon Elastic Container Service), AWS Elastic Kubernetes Service (EKS), AWS Kinesis, AWS Lambda, AWS Neptune, AWS Route 53, AWS S3, AWS SageMaker, AWS SageMaker (Amazon SageMaker), AWS SQS, AWS VPC
Azure Cloud Services	Azure Cloud Functions
Google Cloud Platform	GCE, Google BigQuery, Google Docs, Google IaM, Google Kubernetes Engine (GKE)
Platforms	1C, CUDA, GPU, Red Hat OpenShift Container Platform
QA, Test Automation, Security	A/B Testing, Gatling, JMeter, Locust, Tsung
Deployment, CI/CD & Administration	Ansible, Chef, Helm, Jenkins, KEDA
Methodologies, Paradigms and Patterns	Architecture and Design Patterns, IaC
SDK / API and Integrations	AWS API Gateway
Scripting and Command Line Interfaces	Bash
Mail / Network Protocols / Data transfer	CDN, Load Balancing, Networking
Virtualization, Containers and Orchestration	Docker, Kubernetes, Rancher, Terraform, VPC Peering
Operating Systems	FreeBSD, Linux
Version Control	Github Actions, GitLab
Web/App Servers, Middleware	GlassFish
Logging and Monitoring	Grafana, Prometheus
Soft Skills	Mentor Aptitude
Other Technical Skills	CKA, Cloud IAM, GKE XMPP, NLB, OpenTofu, RDS, secrets management

WORK EXPERIENCE

Cloud Architect, Financial Institution

Duration: Aug 2024 - Present

Summary: Managing cloud adoption in a hybrid on-premises and cloud environment. Driving the "Cloud as Code" initiative to help development teams migrate and onboard applications in the cloud.

Key Responsibilities:

- Identified cloud architecture solutions aligned with business objectives;
- Led cloud migration using Terraform (IaC), OpenShift namespaces, and CI/CD with GitLab;
- Provided architectural guidelines and blueprints for development teams;
- Collaborated with stakeholders to ensure compliance with best practices;
- Troubleshot technical issues and contributed to cloud security strategies.

Technologies: OpenShift, ArgoCD, Terraform, GitLab CI, PostgreSQL.

Cloud Solution Architect / Cloud Engineer, IT Services Company

Duration: Jun 2020 - Jul 2024

Summary: Designed and implemented DevOps, MLOps, and multi-cloud solutions, combining hands-on engineering with architectural leadership. Focused on Kubernetes-based architectures, automation, and cloud adoption initiatives across AWS and GCP.

Key Responsibilities:

- Designed Kubernetes-based microservices architectures with automation, scaling, and monitoring;
- Built end-to-end MLOps pipelines using AWS Sagemaker and Kubeflow;
- Migrated a BigData OLAP system from on-prem Hadoop/Spark to AWS EMR;
- Implemented DevSecOps pipelines with automated security scans (SAST, SCA);
- Built cross-account CI/CD pipelines for serverless apps with AWS SAM;
- Automated IaC using Terraform and GitHub Actions;
- Maintained multi-cloud infrastructure across AWS and GCP;
- Containerized a legacy Ruby application and built CI/CD with GitLab CI;
- Created Kubernetes boilerplate for AWS EKS;
- Supported DevOps adoption across engineering teams.

Technologies: AWS, GCP, Kubernetes, Docker, Terraform, GitHub Actions, AWS SAM, Sagemaker, Kubeflow, Hadoop, Spark, Vault, Okta, GitLab CI.

Lead DevOps Engineer, Music Startup

(May 2018 - Mar 2020)

Summary: Enhanced infrastructure and DevOps practices for a startup in the music streaming domain.

Key Responsibilities:

- Decoupled monolithic services into microservices with Docker and AWS;
- Improved high availability and scaling with AWS Fargate and CloudFront;
- Implemented GitOps CI/CD with GitLab;
- Established DevSecOps practices (RBAC, Secrets Manager, Cognito);
- Built real-time data processing with AWS Kinesis.

Technologies: Docker, AWS Fargate, CloudFront, GitLab CI, AWS Secrets Manager, Kinesis.

DevOps Engineer, Mobility and Transport Company

(Sept 2016 - May 2018)

Summary: Supported microservices migration and CI/CD automation for a large-scale transport and mobility platform.

Key Responsibilities:

- Provisioned Kubernetes clusters with Terraform and Helm;
- Automated CI/CD pipelines with GitLab;
- Introduced e2e testing with Selenium and Behat;
- Supported multiple engineering teams with DevOps practices.

Technologies: Docker, Kubernetes, Terraform, Helm, Ansible, GitLab CI.

Quality Automation and Performance Testing Engineer

Duration: Jun 2012 - Sept 2016

Summary: Conducted quality automation and performance testing for cloud infrastructure releases, focusing on networking and storage.

Key Responsibilities:

- Automated OpenStack cluster deployment and testing with Jenkins;
- Researched performance impacts of networking protocols (GRE, VXLAN, SDN);
- Benchmarked RabbitMQ, OVS, and Dockerized OpenStack services;
- Deployed Kubernetes on OpenStack for performance testing.
- Built automated model-driven testing system with functional programming models and C# gateway integration. Managed a QA team of two engineers.
- Developed automated testing for secure mobile web services gateway for a leading US online retailer.

Technologies: OpenStack, Python, Bash, Docker, Jenkins, Maude, C#, Java/Spring, REST, Hessian, FitNesse.

Firmware Engineer, Energy Company

(Aug 2010 - Mar 2012)

Developed hardware and software for distributed monitoring and control systems with web-based UI.

Telecom Engineer / Manager, Telecom Vendor

(Mar 2003 - Apr 2010)

Summary: Progressively advanced through multiple roles within a leading telecom vendor, covering network operations, QA/QC, product management, and acceptance management. Contributed to turnkey GSM/EDGE/UMTS projects, ensuring network reliability, product quality, and successful deployments.

Key Responsibilities:

- Implemented and maintained GSM network equipment, supporting migration projects;
- Provided QA/QC for GSM/EDGE turnkey deployments;
- Supported UMTS product line development in the technical sales department;

- Designed and implemented QA processes for turnkey telecom projects, managing acceptance testing and quality validation.

Technologies: GSM, EDGE, UMTS, Telecom QA/QC, Turnkey Project Delivery.

Software Engineer, IT Company

Duration: May 2002 - Nov 2002

Summary: Developed features for corporate accounting system and supported DB migrations.

Technologies: MS SQL Server, Oracle 9i, FoxPro.

System Analyst, Aerospace Company

Duration: Aug 2001 - Oct 2001

Summary: Worked on reengineering and development for aircraft automatic control systems.

EDUCATION

Master's degree in Computer Systems and Networks

National University of Radio Electronics, 1996-2001

CERTIFICATION

- **CKA - Certified Kubernetes Administrator**
- **AWS - Certified Solutions Architect**
- **GCP - Professional Cloud Architect**