

Aliaksei Dzenisevich

Cloud Architect || FDE

CONTACT ME

Tbilisi, Georgia

+995 551133554

LinkedIn

Telegram

Email

Lucky Doge HQ

LANGUAGES

Russian (Fluent)
English (Fluent)
Polish (Intermediate)
Italian (Basics)

EDUCATION

Faculty of Mechanics and Mathematics
Belarusian State University
2009 – 2013

Faculty of Computational Mathematics and Cybernetics
Lomonosov Moscow State University
2006 – 2009

CERTS

AWS Certified Solutions Architect – Professional
2023 – 2026

AWS Certified Solutions Architect – Associate
2022 – 2025

DevOps Culture and Mindset
2021

ABOUT

Seasoned and results-driven Cloud Architect | DevOps Lead with a hands-on approach to transforming DevOps-driven processes. Leveraging a blend of technical expertise and leadership skills, I thrive on optimizing workflows, fostering collaboration, and implementing cutting-edge technologies to drive delivery efficiency and innovation.

Main Toolset, Clouds and Methodologies I operate with:

- Methodologies and Practices: DevOps, Agile Family, OKR, GitOps, TBD, FinOps, OpenSpec
- AI: AWS Bedrock, vLLM, llm-d, Mooncake, Haystack
- Cloud Platforms: AWS, Azure, Alibaba Cloud
- Containerization, Orchestration & Mesh: Docker, Kubernetes, Karpenter, KubeVirt, Istio
- Build tools and CI/CD²: Jenkins, ArgoCD, Github Actions, Gitlab Pipelines, Azure DevOps
- Infrastructure as Code (IaC): Terraform, Terragrunt, Crossplane, Pulumi (Go)
- Configuration Management: Ansible, Packer, Helm, Kustomize
- Observability: Grafana, Prometheus, Victoria Metrics/Logs/Traces, OTEL, Datadog, ELK
- Programming & Scripting: Go, Python, Nix, Bash

WORK EXPERIENCE

Cloud Architect || FDE | Frogo | Georgia

Sep 2025 - Present

Achievements

- Architecture:
  - Delivered multiple ADRs and PoCs, highlighting:
    - Crossplane dynamic domain allocations, Aerospike Cloud migration
- AI & LLM Infrastructure:
  - Deployed local LLM infrastructure with vLLM, llm-d, Envoy AI Gateway, and Mooncake KV offloading
  - Introduced LiteLLM with AWS Bedrock integration
  - Adopted OpenSpec for AI-assisted development
- FDE:
  - Built a company-wide AI agent using Haystack
  - Developed a Kubernetes Operator for the company's core product

Main activities and responsibilities

- AI Strategy & Adoption
- AI Infrastructure & Platform Engineering
- AI Agent Development & Integration
- Own and approve technical and architectural solutions in collaboration with CTO and Software Architects, including hands-on involvement in critical production incidents
- Design and maintain Architecture Decision Records (ADRs)
- Develop proofs of concept (PoCs) to validate architectural and technical decisions
- Drive FinOps practices: cloud cost visibility, optimization, and governance in collaboration with engineering and business

Stack

• AWS • EKS • Terragrunt • Crossplane • Gitlab • ArgoCD • Victoria • Aerospike • NATs • vLLM • LiteLLM • Haystack

DevOps Lead | Frogo | Georgia — July 2024 - Sep 2025

Achievements

- Designed and implemented:
  - Company's first DevOps onboarding process and documentation, improving new-hire ramp-up time and ensuring knowledge consistency
  - Complete AWS infrastructure using Terraform, with subsequent transition to Terragrunt and Crossplane, reducing provisioning time of new envs from 3 weeks to few hours
  - ArgoCD powered ephemeral environments, provisioning 80+ microservices and infrastructure on demand, reducing integration testing time from weeks to hours
  - An end-to-end monitoring stack using Grafana, OTEL, Victoria Metrics/Logs/Traces, enabling proactive incident detection and improving system reliability
  - Migrated on-premise Aerospike DB to a Kubernetes Operator–managed deployment, reducing costs by 30% and simplifying maintenance

Main activities and responsibilities

- Team of 4 • Hired 2 • Scrum Activities
- Dealing with Production Incidents and Deployments • Monitoring
- Re-design of current AWS infrastructure

Stack

- AWS • EKS • Terragrunt • Crossplane • Gitlab • ArgoCD • Victoria • Aerospike • NATs

Cloud Architect | C.T.Co | Georgia — Sep 2023 - May 2024

Achievements

- ADRs: • Cloudflare: Migration strategy for obsolete resources • Remote Docker Engines
- ADs: • CI/CD for Mission Critical Service • CI/CD for Mandatory Software Installations
- CI/CD: Mission Critical Service: converted semi-manual setup and deployment of critical production service to a fully automated pipeline that shrunk deployment time twice
- CI/CD: Mandatory Software Installations: refactored internal logic that installed mandatory software across all client accounts and their instances that resulted in up to 10 times faster execution

Main activities and responsibilities

- Designing and implementing Cloud Solutions for an Organization(s) based on well-known Cloud Adoption Frameworks
- Creating Architecture Decision Records (ADRs) and Architecture Designs (ADs) with their subsequent implementation
- Migration of deprecated and/or obsolete resources and services to a modern standards

Stack

- Alibaba Cloud • Azure DevOps • Terraform • Pulumi (Go) • Jsonnet • Cloudflare • Packer

DevOps Lead | Exadel | Georgia — Oct 2021 - Sep 2023

Achievements

- Implemented a unified deployment process for client services using ArgoCD, resulting in a significant reduction in deployment time from hours/days to approximately 7 minutes
- Established a unified provisioning process managed by Terraform for deploying a fully scalable infrastructure with Kubernetes at its core, leading to a substantial decrease in provisioning time from days/weeks to approximately 20 minutes
- Achieved a cost reduction of more than 35% compared to legacy infrastructure

Main activities and responsibilities

- Team of 4 • Dealing with Production incidents • Production Deployments
- Re-designing old and implementing modern CI/CD cycle
- Planning & implementing new Azure-based Cloud Architecture

Stack

- Azure • AWS • Kubernetes • Terraform • Github • ArgoCD • Jenkins • Datadog • OKTA

DevOps/Delivery Manager | Kyriba | Belarus — May 2019 - Apr 2021

Delivery Manager | Workfusion | Belarus — Sep 2017 - Mar 2019

[Team Lead] DevOps | Coherent Solutions | Belarus — Oct 2015 - Sep 2017

System Integration Engineer | Belhard | Belarus — Apr 2013 - Oct 2015

IT Specialist | HostForWeb | Belarus — Feb 2011 - Apr 2013