Aliaksei Dzenisevich

DevOps Lead | Cloud Architect

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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: DevOps, Agile Family, OKR
- Cloud Platforms: AWS, Azure, Alibaba Cloud
- Containerization, Orchestration & Mesh: Docker, Kubernetes, KubeVirt, Istio
- Build tools and CI/CD²: Jenkins, ArgoCD, Github Actions, Azure DevOps
- Infrastructure as Code (IaC): Terraform, Pulumi (Go)
- Configuration Management: Ansible, Packer
- Monitoring and Logging: Datadog, Prometheus, ELK Stack
- Programming & Scripting: Go, Python, Nix, Bash

WORK EXPERIENCE

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

Achievements
- Implemented "Management Trinity" approach, fostering a culture of trust and predictability
- Streamlined team operations by reducing the number of Jira projects from 6 to just 2
- Introduced a rotation system for team members between project work and maintenance, effectively mitigating fatigue
- Transitioned from Kanban to Scrum, finally ScrumBan, showcasing optimal results in terms of a reliable delivery cycle
- Implemented Trunk Based Development and instituted proper Semantic versioning across all infrastructure team repositories, ensuring an always up-to-date state
- Replaced an overused shared Jenkins Instance with scalable, isolated Jenkins instances per-product team on a Kubernetes platform, eliminating contention for Jenkins queue and significantly enhancing workload stability

Main activities and responsibilities
- Team of 6 **-** Delivery Manager for Infrastructure Development Team
- Management trinity activities • Resources • Budgets
- Building Roadmap, S.M.A.R.T - Team & Personal goals for the team members
- Standardizing priority list & building up Scrum/ScrumBan procedures for the Team
- AWS: Acquiring full control over Minsk resources: utilization, tech & cost-cut procedures
- Re-designing and implementing modern CI/CD cycle across all Minsk teams

Stack
- AWS • Kubernetes • Docker • Helm • Terraform • TBD • Jenkins • ArgoCD • Jfrog • Prometheus • Atlassian Family

Delivery Manager | Workfusion | Belarus
Sep 2017 - Mar 2019

Achievements
- Launched the "One on Ones" initiative, fostering a culture of trust within the team
- Implemented Scrum ceremonies, enhancing the predictability of increment deliveries
- Expanded the team from 3 to a total of 12 members
- Created unique Infrastructure provisioning framework using AWS CloudFormation and Ansible, leveraging the Jinja2 templating engine. This framework led to the creation of a self-service Jenkins pipeline, enabling the automated deployment of various service combinations required by teams. The previously manual provisioning process now takes approximately 20 minutes
- Led the migration of the product installer to Ansible, resulting in a threefold increase in deployment speed
- Standardized end-to-end Jenkins pipeline, enabling the automatic deployment of the entire product in less than an hour

Main activities and responsibilities
- Team of 12 - Delivery Manager for Infrastructure Squad (Spotify Engineering Culture)
- Team Lead DevOps Engineer for Infrastructure Squad
- Expanding DevOps Methodology & Best Practices across the team of professionals
- AWS: Acquiring full control over company's resources, security audit and cost-cut procedures
- Re-designing and implementing full CI/CD cycle across all Tribes
- Prioritizing & overseeing Ansible-based Product Installer development process
- Reviewing Monitoring/Analysis Solutions for Product needs

Stack
- AWS • AWS Cloudformation • Docker • Ansible • Jinja2 • ELK • Mesos

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

Main activities and responsibilities
- Team of 3 - Implementing DevOps best practices across multiple projects with cutting-edge technologies
- Cost-cut procedures on Cloud provisioned infrastructures
- Developing various Training Programs for DevOps newcomers

Stack
- AWS • Docker • Ansible • Bitbucket • Git • Jenkins • Bamboo • ELK • Datadog • PagerDuty

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

IT Specialist | HostForWeb | Belarus
Feb 2011 - Apr 2013