

Kadyrbek Adiev

Architect/Team-lead Senior DevOps Engineer

SUMMARY

- DevOps Engineer with 6+ years of expertise in automating and scaling AWS cloud infrastructure, reducing costs by 50% and accelerating deployments by 80%.
- Proficient in Terraform, Kubernetes (CKA certified), Jenkins, GitLab CI, and Python scripting, with strong IaC and CI/CD pipeline development skills.
- Led zero-downtime migration of 700+ AWS resources and architected fault-tolerant, auto-scaling distributed systems handling 3M+ data entries.
- Holds a BSc in Computer Science and multiple certifications including AWS Solutions Architect Professional and Certified Kubernetes Administrator.

TECHNICAL SKILLS

Main Technical Skills	AWS (6 yr.), Terraform (4 yr.), Kubernetes (3 yr.), CI/CD (5 yr.)
Programming Languages	Python (3 yr.)
Cloud Platforms, Services & Computing	AWS (6 yr.)
Deployment, CI/CD & Administration	ArgoCD (1 yr.), CI/CD (5 yr.), Helm (2 yr.), Jenkins (2 yr.)
Scripting and Command Line Interfaces	Bash (5 yr.)
Virtualization, Containers and Orchestration	Kubernetes (3 yr.), Terraform (4 yr.)

WORK EXPERIENCE

Lead Systems Engineer - EPAM Systems (AWS Environment Automation and Migration)

Duration: Jul 2023 – Present

Summary: Project focused on automating AWS environment management, streamlining deployment pipelines, and orchestrating a large-scale migration of AWS resources to enhance scalability and disaster recovery readiness.

Responsibilities:

- Automated AWS environment management using Terragrunt to reduce infrastructure management time.
- Designed GitLab CI pipeline templates for deployment automation of microservices across multiple AWS environments.
- Orchestrated migration of over 700 AWS resources including RDS and OpenSearch to a new AWS account ensuring zero downtime.



Technologies: AWS (EC2, ECS, EKS, RDS, OpenSearch), Terragrunt, GitLab CI

Cofounder / Dev Lead - Zeeplook (Startup) (Distributed Web Scraping Platform)

Duration: Jun 2022 – Jul 2023

Summary: Development and architecture of a high-throughput distributed web scraping platform designed to scale and process millions of Amazon product entries with high availability and fault tolerance.

Responsibilities:

- Architected scalable web scraping platform handling over 3 million Amazon product entries.
- Optimized AWS infrastructure and data pipelines to reduce operational costs.
- Designed fault-tolerant, highly available infrastructure using auto-scaling and serverless technologies to ensure 99.9% uptime during peak loads.

Technologies: AWS (EC2, Lambda, Auto-scaling), Serverless architectures

Middle DevOps Engineer - Intellias (Infrastructure Provisioning and CI/CD Standardization)

Duration: Oct 2021 – Nov 2022

Summary: Project aimed at standardizing infrastructure provisioning across multiple environments and improving CI/CD pipelines to enhance code quality and reduce duplication.

Responsibilities:

- Designed reusable Terraform modules for multi-environment infrastructure provisioning.
- Engineered Jenkins Shared Libraries to enforce CI/CD best practices and reduce pipeline code duplication.
- Integrated SonarQube quality gates into delivery pipelines to improve test coverage and code quality.

Technologies: Terraform, Jenkins, SonarQube

DevOps Engineer - Loopin (Kubernetes Observability and CI/CD Pipeline Enhancement)

Duration: Aug 2019 – Oct 2021

Summary: Focused on improving Kubernetes observability and incident response, as well as enhancing Jenkins pipelines to accelerate production releases and improve customer satisfaction.

Responsibilities:

- Improved Kubernetes issue resolution time through enhanced observability and proactive incident response.
- Enhanced Jenkins pipelines to speed up production releases and increase reliability.

Technologies: Kubernetes, Jenkins

Software Engineer Intern - Attractor Software (Automated Internal Reporting Tool Development)

Duration: May 2019 – Aug 2019

Summary: Development of an automated internal reporting tool to eliminate manual data



compilation and improve team productivity, including integration of unit testing to enhance software stability.

Responsibilities:

- Designed and developed an automated reporting tool using Node.js.
- Integrated MochaJS unit testing into development lifecycle to prevent critical bugs.

Technologies: Node.js, MochaJS

EDUCATION

- **BSc, Computer Science**
International University of Kyrgyzstan
2017 – 2022
- **Associate's Degree, Business**
Seattle Central College
2015 – 2017

CERTIFICATION

- **Claude Certified Architect**
Apr 2026
- **AWS Certified Solutions Architect – Professional**
Apr 2023
- **Certified Kubernetes Administrator**
Dec 2022
- **Certified Jenkins Engineer**
Mar 2023
- **HashiCorp Certified: Terraform Associate**
Mar 2023

