

# Dmytro Cherniavskyi

DevOps Engineer | Cloud Engineer

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## Summary

DevOps Engineer with 4+ years of specialized experience building and automating cloud infrastructure on AWS. Reduced deployment time by 60% through CI/CD pipeline implementation and decreased cloud costs by 25% through resource optimization. Expertise spans infrastructure as code (Terraform, CloudFormation), containerization (Docker, Kubernetes), and monitoring solutions (Prometheus, Grafana). AWS certified with proven success implementing high-availability architectures and scalable cloud solutions. Passionate about optimizing development workflows and delivering robust, cost-effective infrastructure

**Certifications:** AWS Certified Solutions Architect - Associate (**SAA**) | AWS Certified Cloud Practitioner (**CCP**) | Certified Kubernetes Administrator (**CKA**) | Terraform Associate

## Key skills and tools:

**Cloud & Infrastructure:** AWS Services (EC2, Lambda, API Gateway, RDS, S3, VPC, EKS, ECR), Infrastructure as Code (Terraform, CloudFormation), Containerization (Docker, Kubernetes, Docker Compose), Container Registry (Amazon ECR) **DevOps & Automation:** Version Control (Git, GitHub), CI/CD (GitHub Actions), Configuration Management (Ansible), actions

-Developed Terraform-based infrastructure as Monitoring & Alerting (Prometheus, Grafana) **Programming & Tools:** Python, Bash, YAML, JSON, Confluence **Soft Skills:** Problem-solving, Cross-functional collaboration, Technical documentation, Project management, Stakeholder communication, Incident response

## PROFESSIONAL EXPERIENCE (4+years):

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### Freelancer

Jan 2024 - Present ( 1 year 2 months)

#### Company | Various Clients – Cloud & automation projects

- Designed and implemented CI/CD pipelines in AWS and GitHub Actions, improving deployment efficient
- Developed infrastructure as code using Terraform for AWS environments, ensuring full automation
- Containerized applications with Docker and deployed them on Kubernetes clusters for scalability
- Automated cloud resource provisioning and configuration management, reducing manual intervention

### DevOps Engineer

Nov 2021 - Apr 2024 (2 years 6 months)|

#### SEOCORE.Agency

- Architected and implemented CI/CD pipelines using GitHub Actions, reducing deployment time by 60%
- Developed infrastructure as code using Terraform for AWS resources provisioning, achieving 100% automation
- Managed ECR repositories and implemented automated container image building and pushing processes
- Created automated server provisioning and configuration using Ansible
- Implemented monitoring and alerting solutions using Prometheus and Grafana
- Designed and maintained high-availability infrastructure with automated failover
- Managed hosts across cloud environments, ensuring performance and security

### Cloud Engineer

May 2020 - Oct 2021(1 year 6 months)

#### Relativity

- Implemented and maintained AWS infrastructure using Terraform and CloudFormation
- Developed Ansible playbooks for automated server configuration and application deployment
- Managed multi-environment AWS infrastructure including EC2, S3, VPC, and RDS
- Implemented automated backup and disaster recovery solutions
- Optimized cloud resource utilization, resulting in 25% cost reduction
- Maintained high-availability configurations for critical services
- Created and maintained documentation for infrastructure and deployment processes

### Co-Founder

October 2016 – 2020 (4 years)

#### Arcade Construction LLC

- Co-founded and managed a small construction business, overseeing daily operations and project execution
- Managed business growth and operational challenges before transitioning into the tech industry.
- Handled budgeting, client relations, and contractor coordination
- Ensured projects were completed on time and met quality standards

## **EDUCATION:**

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### **Admiral Makarov National University of Shipbuilding**

Bachelor's Degree, Electrical and Electronics Engineering

2010 - 2014

**Languages:** - English (Professional) - Ukrainian (Native) - Russian (Native)