

Dmytro Khomenko

DevOps Architect | Platform Engineer | Team Lead

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DevOps Architect / Platform Engineer with 15 years of experience building cloud infrastructure, CI/CD platforms, Kubernetes-based applications, and internal developer platforms. Experienced in leading DevOps teams, owning infrastructure strategy, improving release reliability, and supporting large-scale R&D environments across web, desktop, mobile, firmware, and SaaS products. Strong background in AWS, Kubernetes, GitOps, CI/CD architecture, DevSecOps, observability, and automation.


SKILLS

- **Leadership & Engineering Management:** DevOps team leadership, mentoring, DevOps strategy, platform architecture, cross-team collaboration, process design, SDLC improvement, roadmap planning.
- **Kubernetes & Containers:** Docker, Kubernetes, AWS EKS, Karpenter, KEDA, Helm, ArgoCD, GitOps
- **Cloud & Infrastructure:** AWS, VMware vSphere, hybrid cloud, bare-metal infrastructure, Linux/Windows servers, cloud governance, infrastructure automation, capacity planning, cost optimization.
- **Infrastructure as Code:** Terraform, Ansible, CloudFormation, Packer. Infrastructure automation, configuration management, automated environment provisioning, golden images.
- **CI/CD:** Jenkins, GitHub Actions, GitLab CI/CD, CircleCI, Azure DevOps, JFrog Artifactory, Nexus, CI/CD architecture, reusable pipeline modules, artifact management, deployment automation, pipeline optimization.
- **Observability:** Prometheus, Grafana, Alertmanager, ELK Stack, New Relic, Jira ITSM, PagerDuty, incident management, monitoring, logging, tracing, alerting, capacity planning, disaster recovery, backup/restore, SRE best practices.
- **DevSecOps:** HashiCorp Vault, IAM, RBAC, Trivy, Checkmarx One, SonarQube, vuls, Falco, Dependabot/Renovatebot, secrets management, vulnerability scanning, container security, supply chain security.
- **Programming & Scripting:** Python, Bash, PowerShell, Groovy, Flask, Locust, boto3, pyVmomi, AWS Lambda, Serverless Framework, event-driven automation with SQS and KEDA, shared Jenkins libraries.
- **AI & Agentic Automation:** AWS Bedrock, LangGraph, Claude Code, Augment Code, Ollama, vLLM. Experience developing custom AI agents, DevOps-focused agents and skills, automation workflows, and agent orchestration on Kubernetes.
- **Additional Expertise:** Strong system administration background, networking fundamentals, database operations, load and stress testing, DevOps for iOS and Android mobile projects.

PROFESSIONAL EXPERIENCE

DevOps Architect / Team Lead (Remote Contractor)

02/2023 – Present

Corsair Gaming, Inc. 

Remote

- Led DevOps strategy and execution for an R&D department of ~250 software engineers across web, desktop, mobile, and firmware projects.
- Built and led an international DevOps team of 4 engineers.
- Designed and developed an internal developer platform for build, signing, packaging, release, artifact management, CI/CD reuse, and infrastructure automation.
- Owned Kubernetes-based deployments, GitOps workflows, release processes, and production operations for multiple public web services.
- Applied SRE practices for scalability, fault tolerance, observability, incident readiness, and operational reliability.
- Prepared high-load services for production through architecture review, capacity planning, load testing, and scalability validation.
- Owned the R&D infrastructure platform, including 20+ developer-facing services with centralized SSO via Keycloak and Microsoft Azure AD.
- Managed R&D infrastructure budget, cloud cost control, capacity planning, vendor coordination, and infrastructure roadmap.

DevOps Engineer (Remote Contractor, parallel engagement)

10/2020 – 07/2025


Checkmarx 

Remote

- Participated in development and operations of a cloud application Checkmarx CxOne with ~150 microservices across 10+ geographically distributed Kubernetes clusters, each running 500-1000 nodes.

- Managed governance for 50+ AWS accounts in one AWS Organization with significant monthly cloud spend.
- Built developer self-service provisioning for VMware and AWS EC2, enabling hundreds of VMs to be created and managed daily.
- Created a golden image build process for standardized, traceable, and secure VM and Docker images.
- Developed and maintained reusable Helm charts for application components and microservices.
- Refactored GitHub Actions and CircleCI pipelines using reusable modules and shared workflow patterns across hundreds of repositories, reducing duplicated CI logic and improving release consistency across multiple teams.
- Supported critical incident response for infrastructure and application issues.
- Moved internal projects to open source with repository policies, CI/CD, and release automation.
- Organized knowledge-sharing sessions and mentored DevOps engineers.

DevOps Engineer (Full-time, On-site)

DevelopEx Software 

2018 – 2022
Kyiv, Ukraine

- Joined as the first DevOps Engineer and introduced DevOps practices across new and existing projects.
- Owned CI/CD processes across web platforms, mobile applications, desktop software, firmware, and IoT projects.
- Worked on dozens of client projects across multiple technology stacks and full SDLC phases.
- Provisioned and configured AWS accounts for client projects, including infrastructure, networking, access management, and environment setup.
- Mentored newly hired DevOps engineers and helped establish common engineering standards, delivery practices, and knowledge-sharing processes.

EARLIER EXPERIENCE

Head of IT Department

DevelopEx Software

2013 – 2018
Kyiv, Ukraine

Led a 6-person IT team, scaled on-premises and AWS infrastructure, established monitoring, backup, disaster recovery, access management, and incident response processes.

NOC Engineer, Incident Response Department

CYFRA ISP

2012 – 2013
Kyiv, Ukraine

Monitored provider-scale network infrastructure and supported incident response for connectivity, routing, switching, and performance issues.

Support Engineer

UKR.NET, the largest Ukrainian portal

2011 – 2012
Kyiv, Ukraine

Supported FreeBSD/Linux production infrastructure, including ZFS, mail servers, web servers, monitoring, and system administration tasks.


EDUCATION

Master's Degree in Systems and Methods of Decision Making

National Technical University of Ukraine "Kyiv Polytechnic Institute", Institute for Applied System Analysis

2012 – 2014
Kyiv, Ukraine

Bachelor's Degree in Computer Science

National Technical University of Ukraine "Kyiv Polytechnic Institute", Institute for Applied System Analysis 

2008 – 2012
Kyiv, Ukraine

LANGUAGES

English

C1

Ukrainian

Native

Russian

Native

Polish

B2