

Volodymyr Brodskyi

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Summary

With over 20 years in IT and a decade in DevOps, I specialize in automation, cloud migrations, and infrastructure re-architecture. I've led high-load migrations, optimized CI/CD pipelines, and implemented robust security controls—all while mentoring teams and driving significant cost savings. Key achievements include:

- Cloud Migrations: Successfully migrated high-load projects from AWS to Azure, streamlining architectures and reducing operational costs.
- Process Optimization: Revamped build and deployment pipelines, cutting build times by up to 30%.
- Security Enhancements: Developed stringent access controls across 30+ AWS accounts.
- Cross-Team Leadership: Fostered collaboration between development and data science teams for timely, high-quality project delivery.

Experience

Primary Skills	Experienced with tools
Clouds: AWS (12+ years), Azure (5+ years), GCP (2+ years)	Terraform, Ansible, Helm
On-prem: Proxmox (10+ years), VMware (3+ years)	MongoDB, Redis, MySQL
Kubernetes: 3+ years (AKS, EKS, GKE, on-premises)	Kafka, RabbitMQ, NATS
Postgres: 6+ years	Azure DevOps, Jenkins, GitHub Actions
GitLab: 3+ years	Datadog, Prometheus, Grafana, InfluxDB
Linux	Nginx, HAProxy, Traefik
Bash/Python	Docker, Podman, LXC/LXD

2bcloud

August 2024 - presents

Job position: Solution Architect

Project Roles: Solution Architect / DevOps Engineer

Project: Migrating various high-load projects from AWS to Azure by adapting existing services and architectures for the new environment.

Key Contributions:

- Developed and validated detailed Low-Level Designs (LLD)
- Implemented infrastructure using Terraform, Azure DevOps
- Created proof-of-concepts (POCs) for diverse solutions
- Coordinated POC reviews with security and network teams

FILo Systems

August 2023 - August 2024

Job position: Senior DevOps Engineer

Project Roles: DevOps Engineer

Project: Optimized processes for building and testing software, and established benchmarking standards for multiple platforms and operating systems..

Key Contributions:

- Revamped GitLab pipelines to accelerate binary build creation, boosting efficiency and reducing time-to-deployment.
- Designed and implemented benchmarking methods using InfluxDB for data collection across AWS, GCP, and on-premises environments.
- Enhanced infrastructure and workflows for the research team, enabling more efficient data collection and storage optimization.
- Fostered seamless collaboration between data science and development teams, leading to successful project delivery and increased productivity.

C2i Genomics

February 2022 - July 2023

Job position: Senior DevOps Engineer

Project Roles: DevOps Engineer

Project: Streamlined workflows and build pipelines to accelerate software development and deployment.

Key Contributions:

- Refactored and optimized Azure DevOps pipelines, reducing build times and enhancing overall efficiency..
- Improved cross-region data transfer using AWS S3, managing around 30Pb of data with lower latency.
- Developed granular account permissions and cross-account access controls across 30+ AWS accounts, boosting security and governance.
- Collaborated closely with data science and development teams to ensure smooth communication and timely project delivery.

EPAM

March 2019 - February 2022

Job position: System Engineer Level 3

Project Roles: DevOps, Mentor, Lead

Project: Led initiatives to optimize monitoring systems and manage infrastructure migrations for multiple high-profile clients (DealHub, Refinitiv, AOS, Esports, EPAM University).

Key Contributions:

- Analyzed and enhanced monitoring tools (CloudWatch, Splunk, Datadog), resulting in performance improvements and cost reductions.
- Developed production-ready AKS configurations, covering containerization, networking, and security policies.
- Revamped CI/CD processes with GitLab by introducing automated testing and deployment pipelines.
- Coordinated the migration of significant production infrastructure from AWS to VCloud, ensuring high availability and enhanced security.

WalletFactory

March 2018 - July 2019

Job position: Head of DevOps

Project Roles: DevOps, SecOps, Release Engineer, Team Lead

Project: Delivered a mobile application and API for smart finance (QR payments, e-money processing, peer-to-peer transactions).

Key Contributions:

- Redesigned environments as Infrastructure as Code (IaC) using Terraform and Ansible, reducing manual intervention.
- Developed a fault-tolerant database infrastructure with redundancy and backup mechanisms.
- Led the migration of part of the infrastructure to AWS, leveraging cloud scalability.
- Implemented a new TIK-stack monitoring system to capture representative metrics and improve issue resolution.
- Established a 24/7 on-call team to reduce downtime and enhance production reliability.

Oracle

July 2015 - December 2017

Job position: Senior System Administrator

Project Roles: DevOps, Release Engineer

Project:

Supported and enhanced Oracle Marketing Cloud services across a global network of Oracle-managed data centers.

Key Contributions:

- Automated configuration management using Puppet, ensuring environment consistency and reliability.
- Developed deployment solutions that accelerated release cycles.
- Streamlined system management and automation processes, reducing manual tasks and operational costs.

Education

- Certified Solution Architect Associate (2020)
- Certified Technical Interviewer (2019)
- Master's degree in computer science (2020)
- Chemical specialist diploma (1999)