

# Volodymyr Brodskyi

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## Summary

With over 20 years of IT industry experience, I am a seasoned computer engineer specializing in DevOps infrastructure for the past decade. My career is distinguished by hands-on involvement in all stages of product development, support, and re-architecture of existing solutions. I excel in leveraging my technical expertise to implement advanced automation and configuration management tools, streamline workflows and build pipelines, and seamlessly migrate infrastructure to and from the cloud. As a team lead, mentor, and interviewer, I have guided teams to success, nurtured talent, and selected top-tier candidates. My efforts consistently result in enhanced system performance, reduced downtime, and significant cost savings.

## Experience

Primary Skills	Experienced with tools
Clouds: AWS (10+ years), Azure (3+ years), GCP (2+ years)	Terraform, Ansible, Helm
On-prem: Proxmox (10+ years), VMware (3+ years)	MongoDB, Redis, MySQL
Kubernetes: 2+ 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

## FILO Systems

August 2023 – current time

Job position: Senior DevOps Engineer

Project Roles: DevOps Engineer

Project: Successfully optimized and developed processes for building and testing new software builds. Created benchmarking standards for various platforms and operating systems.

Participation:

- Streamlined and optimized GitLab pipelines to facilitate the creation of new binary builds, enhancing efficiency and reducing time-to-deployment.
- Designed and implemented benchmarking methodologies, leveraging InfluxDB to collect data across diverse platforms and cloud environments (AWS, GCP, on-premises).
- Enhanced infrastructure and development workflows for the research team, enabling efficient data collection and storage optimization for model development.
- Fostered close collaboration between data science and development teams, facilitating seamless communication and coordination. Resulted in successful project delivery and increased overall productivity.

## C2i Genomics

**February 2022 – July 2023**

**Job position: Senior DevOps Engineer**

**Project Roles: DevOps Engineer**

Project: Successfully developed and optimized workflows and build pipelines, utilizing industry-standard tools and best practices, resulting in faster and more efficient software development and deployment.

Participation:

- Refactored and optimized Azure DevOps build pipelines, resulting in increased efficiency and faster build times.
- Implemented optimizations for cross-region data transfer using AWS S3 buckets, handling approximately 30Pb of data, resulting in reduced latency and improved performance.
- Designed and implemented granular account permissions and cross-account access control using AWS IAM for 30+ AWS accounts, improving security and governance.
- Collaborated closely with data science and development teams, facilitating smooth communication and coordination between teams, resulting in successful project delivery and improved productivity.

## EPAM

**March 2019 – February 2022**

**Job position: System Engineer Level 3**

**Project Roles: DevOps, Mentor, Lead**

Customers: DealHub, Refinitiv, AOS, Esports, EPAM University

Project: Led a team in optimizing the existing monitoring system by implementing improvements to CloudWatch, Splunk, and Datadog, while also orchestrating the seamless migration of infrastructure to AKS and moving a portion of the infrastructure from AWS to VCloud, resulting in improved system performance, reduced downtime, and significant cost savings.

Participation:

- Conducted a thorough analysis of the current monitoring system (CloudWatch, Splunk, Datadog) and proposed and implemented various optimizations, resulting in improved performance and cost savings.
- Successfully prepared a production-ready AKS configuration, including containerization, networking, and security policies, ensuring smooth deployment and scalability.
- Enhanced the current CI/CD schema with Gitlab, implementing new automated testing and deployment processes, resulting in faster and more reliable software releases..
- Coordinated and executed the migration of a significant portion of the production landscape from AWS to VCloud, ensuring high availability and security of the infrastructure in a personal DC with VMware.

## Education

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