

Volodymyr Brodskyi

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Summary

Experienced computer engineer with 20+ years in IT and 10+ years in DevOps. Adept at automation, cloud migration, and team leadership, with a proven track record of enhancing system performance, reducing downtime, and achieving significant cost savings. Key achievements include:

- Successful Cloud Migrations: Led high-load project migrations from AWS to Azure, streamlining architectures and reducing operational costs.
- Process Optimization: Revamped CI/CD pipelines, cutting build times by up to 30% and accelerating deployment cycles.
- Enhanced Infrastructure Security: Developed and implemented robust security and governance measures across 30+ AWS accounts.
- Cross-Team Collaboration: Fostered effective collaboration between development and data science teams, ensuring timely and successful 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.

Education

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