

Andrii Horobchenko

English: C1 (Advanced)
French: A2 (Pre-intermediate)
Russian: C2 (Native)

DevOps Engineer, **5 years** of experience
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SKILLS

Cloud & Infra: AWS, GCP, Kubernetes (EKS, GKE, Rancher, Kubespray), Helm, Terraform, Ansible, DigitalOcean, Bare metal

CI/CD & Automation: GitHub Actions, GitLab CI, Jenkins, ArgoCD, Serverless Framework

Monitoring & Observability: Prometheus, Grafana, ELK, Datadog, Loki, VictoriaMetrics

Databases & MQ: PostgreSQL, MySQL, MongoDB, Redis, RabbitMQ, Elasticsearch

Web3/Blockchain: Geth, Prysm, Foundry, Solidity, Bitcoin, LND, L2, ZkSync, Avalanche

Languages & Tools: Bash, Golang, Python (Boto3), NodeJS, Linux, Nginx, Docker

Other: Microservices, Multi-Tenancy, Cost Optimization, Team Formation, Mentorship

EXPERIENCE

[ADI](#): 05/2024 – 08/2024, (Contract) ~2 month

Project info: Dirkham pegged stablecoin with multiple government related services

- Deployed Cloudflare tunneling to protect critical application components, achieving a 12.4% reduction in exposed assets according to security scan results
- Enforced Kubernetes best-practice configurations as preparation for public testnet and enforced it via static code analysis and Kubescape for continuous validation.
- Hardened cluster security using Kubescape for compliance scanning, and implemented kernel-level runtime protection with KubeArmor, reducing attack surface for critical workloads
- Created highly unified helm chart setup for services decreasing code duplication for helm charts within the application stack

Technology: Azure, Bare metal, Kubernetes, Security, ZkSync, Helm, Terraform, NodeJs, Gitlab CI, Cloudflare

[STROOM](#): 05/2024 – Present

Project info: Stroom is a bitcoin native liquidity staking provider as LIDO allowing to get bitcoin native yield via lightning or bitvm staking

- Reduced monthly AWS spend by 17.2% by replacing Fargate with EC2 instances for long term steady consuming workloads like blockchain nodes
- Deployed a Prometheus-Grafana stack integrated with custom alerting for 12 tenants, reducing incident MTTR by ~50%.
- Built public testnet infrastructure with GitHub Actions and AWS CDK, allowing over 10k users to preview the product and join point farming campaigns
- Designed and implemented a unified CI/CD pipeline that provisions consistent test environments and reproducible local setups using Docker Compose. Enabled >80% automated test coverage and streamlined developer onboarding.

Technology: AWS, AWS CDK, Docker, Github actions, Golang, TypeScript, Bitcoin, Geth, Prysm, Foundry, Solidity, L2

[RETROBRIDGE](#): 03/2024 – 05/2024, (Contract) ~3 month

Project info: Modern bridge allowing users to transfer their assets between different networks seamlessly, with focus on multi-account support

- Participated in OnCall rotation to facilitate the reliability of application and allow seamless operation.

- Developed a complete cloud migration strategy to improve security, reliability, and fault tolerance of the application.
- Hardened CI/CD workflows in GitHub Actions by implementing secrets scanning, role-based access, and least-privilege principles, significantly reducing the risk of supply chain compromise

Technology: DigitalOcean, Kubernetes, Helm, Terraform, NodeJs, Github Actions

[LUXOFT](#): 05/2023 – 05/2024, ~1 year

Project info: Multi-tenant financial data sharing platform allowing users to share their data with fintech companies

- Designed fully reproducible IaC-based environments using AWS CDK and Terraform, reducing tenant infra setup time from 3+ days to under 6 hours.
- Automated 3rd-party service provisioning using Python (Boto3), cutting manual setup time post-deployment by 60%.
- Contributed to hiring and onboarding of 4 DevOps engineers; supported infrastructure onboarding and documentation.
- Implemented hybrid cloud setup allowing to deploy tenant into different cloud and bare-metal environments avoiding vendor lock-in and matching the regulatory compliance.

Technology: AWS, GCP, Bare metal, Kubernetes, Helm, Python, Boto3, Terraform, AWS CDK, Serverless framework, AWS Control Tower, Multi-tenancy

[GUNZILLA](#): 08/2023 – 11/2022, (Contract) ~3 month

Project info: Royal battle game with tight blockchain integration utilizing avalanche subnets and multiple types of wallets

- Created and maintained ArgoCD-based GitOps workflows enabling deployment of production-like, per-feature-branch environments for faster and safer iteration.
- Secured CI/CD pipelines in GitLab by enforcing signed commits and secrets scanning, mitigating risks of unauthorized code execution and data leaks.
- Implemented smart contract testing in CI/CD using Foundry toolkit, enabling both standalone integration tests and combined backend-smart contract tests.

Technology: DigitalOcean, Kubernetes, Helm, Terraform, Avalanche, Foundry, GitOps, NodeJs, Solidity, Gitlab CI

[AVENGA](#): 04/2022 – 05/2023, ~1.25 year

Project info: Healthcare project with multiple per user sensors allowing quality of sport activities with deep kubernetes and cloud integration

- Developed scalable multi-environment Kubernetes deployment model using Terraform and Helm, cutting deployment time to <1 hour per environment.
- Set up observability using Datadog and GitLab CI integrations across 3 separate environments.
- Collaborated with development teams across different time zones; delivered infra handovers and supported onboarding.
- Added trivy to CI/CD pipelines and switched to hardened based image improving image security and security issues count.

Technology: AWS, Kubernetes, Helm, Datadog, Terraform, Gitlab CI, Azure DevOps, Grafana, Prometheus

[MAGNISE](#): 03/2021 – 04/2022, ~1.25 year

Project info: Cloud based investment banks integration allowing companies and persons to seamlessly trade stocks.

- Automated infrastructure provisioning via terraform and CI/CD pipelines via Azure DevOps for high-availability of customer facing environments.

- Led Dockerization and initial Kubernetes migration across microservices.
- Created incident dashboards and alerting to improve SLO tracking.
- Initiated migration to mono-repo to allowing easier custom dependency sharing and decreasing the devops related code base by 57%

Technology: AWS, Terraform, Kubernetes, Helm, Azure Devops, Bitbucket, ELK, Docker, Traefik, Rabbitmq, Redis, Postgresql, Ansible

SMIDDLE: 01/2020 – 02/2021, ~1.25 year

Project info: On-premise product augmenting CISCO contact center to add the conversation logs, and scripts reducing consultant load.

- Built and maintained Linux-based hosting for contact center infrastructure.
- Implemented CI/CD setup allowing to decrease client on-boarding time to 3 hours.
- Dockerized the application and initiated Kubernetes migration to improve scalability and utilize seamless scaling advantages.
- Implemented multistage build reducing images size by 1.2 GiB

Technology: Bare metal, Docker, Cisco, Jenkins, Kubernetes, RabbitMQ, Redis, Nginx, Ansible, Prometheus, ELK, Nexus, Maven, Sonarqube

CERTIFICATIONS

- Sep 2022 – Sep 2025 AWS Solution Architect Associated

EDUCATION

- 2021 – 2025 National Aviation University, Kiev – Bachelors Degree