

Vlad R.

DevOps Engineer / System Administrator

Summary of Qualifications

I'm a skilled and talented DevOps Engineer with 5 years of commercial experience and System Administrator with 11 years of experience. What I love most about my job is process automation. Because automation allows you to greatly speed up time, as well as avoid errors due to the human factor. I like to work both in a team and individually.

The main technologies that I used in my previous project were Azure, AWS, GCP, DigitalOcean, OVH, Bash, and Python.

My most outstanding qualities are good communication, the ability to work in a team, the ability to solve problems, the willingness to learn new things, my mind is always open.

Skills

Programming & Markup Languages

- Python
- HTML/CSS/Sass
- PowerShell, Bash
- XML, JSON, YAML

Infrastructure as Code / Automation

- Terraform
- Ansible
- AWS CLI

Databases (RDBMS)

- PostgreSQL, including optimization, access settings, log streams in CloudWatch
- MySQL, including migration to AWS RDS
- Microsoft SQL Server
- MongoDB
- Redis

Cloud Platforms

- AWS: EC2, S3, RDS, ECS (EC2 launch type), CodePipeline, VPC, Elastic IP, IAM, SSM Parameter Store
- Azure: VM, App Service, SQL Server, AAD, Storage, Key Vault, Azure DevOps, ACR
- GCP: Cloud Build, Artifact Registry (AR), Cloud Run (CR), GKE (Kubernetes Engine), Cloud DNS, Cloud SQL, Monitoring
- Heroku
- OVH
- Hetzner

CI/CD Tools

- GitHub Actions / CodePipeline
- AWS CodePipeline
- Azure DevOps Pipelines
- ArgoCD

Monitoring & Observability

- Prometheus, Grafana, Alertmanager
- Zabbix
- CloudWatch

Containerization & Virtualization

- Docker, Docker Compose
- Kubernetes (including dynamic scaling, HPA, cluster debugging)
- VMware, Oracle VM VirtualBox

Web & Application Servers

- Nginx, Apache
- Squid (including NTLM, Kerberos)
- Joomla, WordPress, DLE
- Version Control
- Git, GitHub, GitLab
- CloudFlare

Operating Systems

- Linux (Ubuntu, Linux Mint)
- Microsoft Windows, Windows Server
- macOS

Testing & API Tools

- Postman
- DAST Tools (for checking web domains)

Soft & Productivity Tools

- Zimbra
- Modoboa
- Figma
- Visual Studio Code
- Android Studio
- NAS server
- Photoshop
- Video editing software
- Technical Documentation (architectural documents, reports, SRS, proposals)
- Microservices

Experience

Project Description:

Infrastructure Modernization for Legacy Platform

Led the migration and support for a high-load legacy web platform hosted on AWS. The project involved upgrading infrastructure, optimizing performance, and developing server-side tools for automation, monitoring, and system management. Ensured high availability, secure deployment, and smooth day-to-day operations in a production environment.

Domains:

AI Platforms

Involvement Duration:

1.5 years

Project Role:

DevOps Engineer | Cloud Infrastructure Specialist

Responsibilities:

- Migrated application infrastructure from AWS EC2 to Kubernetes for better scalability and resilience;
- Replaced traditional Nginx configuration with Kubernetes Ingress for dynamic routing and simplified TLS termination;
- Optimized Docker containers for faster startup and reduced image size;
- Implemented HPA (Horizontal Pod Autoscaling) based on CPU and memory usage for efficient resource management;
- Set up centralized logging and monitoring with Prometheus and Grafana;
- Contributed to CI/CD automation and deployment pipelines using GitLab CI and Docker;
- Collaborated closely with backend and AI teams to ensure infrastructure compatibility and stability.

Project Team Size:

4-6 team members

Tools & Technologies:

AWS (EC2, EKS), Kubernetes, Docker, Nginx, Kubernetes Ingress, Prometheus, Grafana, GitHub CI/CD, Redis, PostgreSQL, FastAPI, PHP (legacy service), HPA.

Project Description:

Sales Bot

An advanced tool that employs web scraping methodologies to meticulously identify high-quality job opportunities on Upwork, specifically tailored for our pool of freelancers. Utilizing Natural Language Processing, it assesses job postings, facilitates optimal freelancer-job matchings, and leverages the state-of-the-art GPT API to autonomously construct compelling cover letters and respond to employer questions.

Domains:

AI & Machine Learning

Involvement Duration:

1.5 years

Project Role:

DevOps

Responsibilities:

- Deployment on AWS via GitHub Actions;
- Managing and overseeing cloud infrastructure and services;
- Developing and setting up CI/CD pipeline and automation systems;
- Integration with DynamoDB;
- Conducting diagnostics and resolving issues;
- Fixing bugs.

Project Team Size:

5-8 team members

Tools & Technologies:

AWS (S3, EC2, ECS, ECR, CDK), Terraform, Auto Scaling, GitHub Actions, Code Pipeline, Docker, Docker Compose.

Project Description:



AI SAAS platform for natural language understanding



AI SAAS platform provides tools for analysing conversational text, such as support tickets, open-ended survey responses, and product reviews. Built using containerized applications, that utilize GPU processing, and backed by AWS, GCP, and Azure infrastructure, based on client's needs.

Domains:

AI & Machine Learning | Natural Language Processing

Involvement Duration:	2 years
Project Role:	DevOps
Responsibilities:	<ul style="list-style-type: none">▪ Providing access to AWS and Azure;▪ Deploy and configure infrastructure using Terraform;▪ Configure Azure VM for deployment of the test environment;▪ Creation, and configuration of CI/CD pipeline and automation systems;▪ Writing of Cron Jobs scripts;▪ Creating alerts for monitoring in Alert Manager;▪ Migration from Jenkins to GitHub Actions.
Project Team Size:	4-7 team members
Tools & Technologies:	AWS Cloud (EC2, ECS, ECR, S3, CDK), Azure Cloud (VM, CLI, ACR, KeyVault), PostgreSQL, Redis, Terraform, PyTest, Nginx, GitHub Actions, Jenkins, Docker.
Secure software solution for Government	
Project Description:	Software for the continuous operation of a civilian structure, which also has network protection, specialized and protected software only through tokens on physical media.
Domains:	Government
Involvement Duration:	11 years
Project Role:	Chief Specialist of Computer Support and Information
Responsibilities:	<ul style="list-style-type: none">▪ Monitoring and redirection of traffic on Linux-based servers;▪ Continuous support of working servers and addition of new ones, development of software, implementation, and adjustment of ready-made solutions to improve the operation of the enterprise;▪ Updating software, and solving problems in case of various failures in the operation of software, servers, and network equipment and setting up Internet networks;▪ Technical support of workplaces together with peripherals;▪ Creation of technical documentation and check letters for developers;▪ Network and software security settings;▪ Setting up chatbots, and server-type chat programs;▪ Mail server setup and support, migration to different domains, anti-spam server protection;▪ Creation of database backups using scripts and software;▪ Installation and configuration of mail servers;▪ Practical skills, migration operating system, including server systems;▪ Clients technical support;▪ Performing users rights access;▪ Troubleshooting and diagnostic complex errors;▪ Network configuration.
Project Team Size:	5-9 team members
Tools & Technologies:	NTLM, Kerberos, VPC, Jenkins, Joomla, WordPress, DLE, PostgreSQL, MySQL, Microsoft SQL Server, Networking, Security and Monitoring, Account Access Management, Scripting Languages, Problem-Solving and Administration, Automation and Scripting, Hardware Management, SQL, Troubleshooting, DHCP, DNS, IP-forwarding, IP-routing, TCP, UDP, Iptables, RDP, NAT, VLAN, PROXY, RAID, SAS.

Certificates	Azure Fundamentals Microsoft	
	AWS Certified Cloud Practitioner Foundational	

	Docker + Ansible Udemy	
	The Ultimate MySQL Bootcamp Udemy	
Education	Master's degree National University of Ukraine "Yurii Kondratyuk Poltava Polytechnic" Specialist of Economic Cybernetics	
	Bachelor's degree National University of Ukraine "Yurii Kondratyuk Poltava Polytechnic" Specialist of Economic Cybernetics	
Languages	English: Advanced	
	Ukrainian: Native	
	Russian: Native	