

Vlad R.

Senior DevOps Engineer / System Administrator

SUMMARY

- DevOps Engineer and System Administrator with 11 years of experience, specializing in cloud infrastructure modernization, automation, and scalable deployments across AWS, Azure, and GCP.
- Proficient in Python, Bash, Terraform, Ansible, Kubernetes, Docker, and CI/CD pipelines using GitHub Actions, GitLab CI, and Azure DevOps, with hands-on expertise in container orchestration and infrastructure as code.

TECHNICAL SKILLS

Main Technical Skills	Python (5 yr.), Bash (5 yr.), Terraform (3 yr.), Ansible, AWS (5 yr.)
Programming Languages	PHP (1 yr.), Python (5 yr.)
Android Libraries and Tools	Android APIs
Python Frameworks	FastAPI (1 yr.)
Java Libraries and Tools	JSON
Mobile Frameworks and Libraries	Kotlin Coroutines (11 yr.)
Python Libraries and Tools	pytest (2 yr.)
Security	AWS Security Groups (11 yr.)
Databases & Management Systems / ORM	AWS DynamoDB (1 yr.), Microsoft Azure SQL Server, Microsoft SQL Server (11 yr.), MongoDB, MySQL (11 yr.), SQL (11 yr.)
UI Frameworks, Libraries, and Browsers	CSS
Cloud Platforms, Services & Computing	AWS (5 yr.), GCP (2 yr.), Heroku, Hetzner
Azure Cloud Services	AAD, Azure App Service, Azure Blob Storage, Azure DevOps (2 yr.), Azure Key Vault (2 yr.), Azure VM (2 yr.), Microsoft Azure SQL Server
Amazon Web Services	AWS Auto Scaling (1 yr.), AWS CDK (3 yr.), AWS CloudWatch (1 yr.), AWS CodePipeline (3 yr.), AWS DynamoDB (1 yr.), AWS EC2 (5 yr.), AWS ECR (3 yr.), AWS ECS (3 yr.), AWS IAM (11 yr.), AWS S3 (3 yr.), AWS Security Groups (11 yr.), AWS VPC (11 yr.)



UI/UX/Wireframing	Adobe Photoshop, Figma
SDK / API and Integrations	Android APIs, FastAPI (1 yr.), Winforms (11 yr.)
Deployment, CI/CD & Administration	Ansible, ArgoCD, Artifacts (2 yr.), GitLab CI (1 yr.), Jenkins (2 yr.)
Web/App Servers, Middleware	Apache HTTP Server, Nginx (5 yr.), squid
Scripting and Command Line Interfaces	Bash (5 yr.), PowerShell, YAML
Mail / Network Protocols / Data transfer	DHCP (11 yr.), DNS (11 yr.), IP (11 yr.), IPTable (11 yr.), Kerberos (11 yr.), NAT (11 yr.), Proxy (11 yr.), RDP (11 yr.), TCP (11 yr.), UDP (11 yr.), VLAN (11 yr.), Zimbra
Virtualization, Containers and Orchestration	Docker Compose (3 yr.), Terraform (3 yr.)
Operating Systems	FreeBSD (11 yr.), Linux (11 yr.), macOS
Version Control	Git, Github Actions
Platforms	Joomla (11 yr.), Quadiant Inspire, WordPress (11 yr.)
iOS Libraries and Tools	MDM (11 yr.)
Third Party Tools / IDEs / SDK / Services	Microsoft Visual Studio Code
Hosting, Control Panels	OVH
QA, Test Automation, Security	Postman, pytest (2 yr.), QA Automation (11 yr.)
Soft Skills	troubleshooting (11 yr.)
Methodologies, Paradigms and Patterns	UML (11 yr.)
File Systems, Storage	XML
Logging and Monitoring	Zabbix
Other Technical Skills	Amazon Command Line Interface, DAST, RAID (11 yr.), RDS, SAS (11 yr.)

WORK EXPERIENCE

DevOps Engineer | Cloud Infrastructure Specialist (Infrastructure Modernization for Legacy Platform)

Duration: 1.5 years

Summary:

- 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

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 Horizontal Pod Autoscaling (HPA) 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

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

DevOps (Sales Bot)

Duration: 1.5 years

Summary:

- Developed an advanced tool employing web scraping and Natural Language Processing to identify high-quality job opportunities on Upwork for freelancers
- The tool uses GPT API to autonomously create cover letters and respond to employer questions, enhancing freelancer-job matching

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

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

DevOps (AI SAAS platform for natural language understanding)

Duration: 2 years

Summary:

- Developed an AI SaaS platform providing tools for analyzing conversational text such as support tickets, survey responses, and product reviews
- The platform uses containerized applications with GPU processing and is backed by AWS, GCP, and Azure infrastructure tailored to client needs

Responsibilities:

- Providing access to AWS and Azure
- Deploying and configuring infrastructure using Terraform



- Configuring Azure VM for deployment of the test environment
- Creating and configuring CI/CD pipeline and automation systems
- Writing Cron Jobs scripts
- Creating alerts for monitoring in Alert Manager
- Migrating from Jenkins to GitHub Actions

Technologies: AWS Cloud (EC2, ECS, ECR, S3, CDK), Azure Cloud (VM, CLI, ACR, KeyVault), PostgreSQL, Redis, Terraform, PyTest, Nginx, GitHub Actions, Jenkins, Docker

Chief Specialist of Computer Support and Information (Secure software solution for Government)

Duration: 11 years

Summary:

- Developed and maintained software for continuous operation of a civilian government structure with network protection and specialized software secured through tokens on physical media
- The project ensured secure and reliable IT infrastructure and services for government operations

Responsibilities:

- Monitoring and redirection of traffic on Linux-based servers
- Continuous support of working servers and addition of new ones
- Development, implementation, and adjustment of software solutions to improve enterprise operations
- Updating software and troubleshooting failures in software, servers, and network equipment
- Technical support of workplaces and 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, support, migration, and anti-spam protection
- Creation of database backups using scripts and software
- Installation and configuration of mail servers
- Operating system migration including server systems
- Client technical support and user rights access management
- Troubleshooting and diagnosing complex errors
- Network configuration

Technologies: NTLM, Kerberos, VPC, Jenkins, Joomla, WordPress, DLE, PostgreSQL, MySQL, Microsoft SQL Server, Networking, Security and Monitoring, Account Access Management, Scripting Languages, Automation and Scripting, Hardware Management, SQL, Troubleshooting, DHCP, DNS, IP-forwarding, IP-routing, TCP, UDP, Iptables, RDP, NAT, VLAN, PROXY, RAID, SAS

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



CERTIFICATION

- Azure Fundamentals Microsoft
- AWS Certified Cloud Practitioner Foundational
- Docker + Ansible Udemy
- The Ultimate MySQL Bootcamp Udemy

