

Wital W. | Senior Sys Admin & DevOps, 15+ yrs exp. | Polish B2, English B2

Candidates summary

Dedicated DevOps and System Administration professional with over 15 years of experience in designing, implementing, and maintaining high-availability infrastructures. Expert in modernizing legacy systems, automating deployment pipelines, and orchestrating cloud migrations for renowned companies such as Epam, MaxPay, Akurateco, OOO "OpenNOVA", and others. Proven ability to lead critical projects, ensuring robust, secure, and scalable environments across cloud platforms, virtualization, and containerized solutions.

Skills

- DevOps & Automation
- GitLab (CI/CD, pipelines), Jenkins, Continuous Integration, Blue/Green deployments
- Cloud & Infrastructure
- AWS Cloud (EC2, RDS, Aurora, Lambda, CloudFormation, CDK), Azure Cloud, OpenStack, OpenNebula
- Containerization & Orchestration
- Kubernetes (EKS, GKE, AKS), Docker, Docker Compose, Docker Swarm, Nomad
- Infrastructure as Code & Configuration Management
- Terraform, CloudFormation, CDK, Puppet, Ansible
- Operating Systems & Virtualization
- Linux (Red Hat, Debian, CentOS, etc.), FreeBSD, OpenBSD, KVM, container virtualization (OpenVZ)
- Scripting & Programming
- Python, Bash, Perl, Go
- Databases & Messaging Systems
- MySQL, PostgreSQL, MariaDB, Percona XtraDB Cluster, RabbitMQ, Kafka, Redis, Memcached
- Monitoring & Security
- Zabbix, Nagios, Graylog, ELK, OSSEC, Nessus, VPN, Cisco ASA 5505, load balancing and firewall configurations

Projects

DevOps & Infrastructure Migration [NDA Project]

As a DevOps professional, I led the creation of new CI/CD pipelines and managed the migration of legacy infrastructures to Amazon Web Services for hundreds of projects. Responsibilities included designing new product integrations and ensuring smooth transitions to modern cloud environments.

Technologies and tools used: gitlab (CI/CD, pipelines), jenkins (CI/CD, pipelines), AWS Cloud (including AWS Bedrock, AWS RDS, mysql, postgres), kubernetes (EKS, GKE, AKS custom), python, Azure Cloud, Azure DevOps, Terraform, CloudFormation, CDK, Puppet, CodeMe (AI integration), Vault, ArgoCD.

MaxPay Pipeline & Infrastructure Support [NDA Project]

During my tenure at MaxPay (May 2019 – June 2021), I supported existing projects while creating new CI/CD pipelines and migrating legacy infrastructures to Amazon Cloud. My role was focused on maintaining system stability, implementing efficient deployment strategies, and optimizing cloud resource usage.

Technologies and tools used: nomad, consul, terraform, puppet, AWS Cloud, linux (on-prem servers), Ansible, gitlab (CI/CD, pipeline), Blue/Green deployment strategies.

Akurateco Payment Infrastructure Modernization [NDA Project]

At Akurateco (May 2017 – April 2019), I was responsible for developing the infrastructure for a new payment system while supporting a legacy, monolithic architecture. I played a key role in porting the monolith to a microservice architecture and setting up continuous integration and delivery using GitLab. Several layers of testing (code style, behat, dev, qa, and stage) were implemented along with deploying scalable database and messaging systems.

Technologies and tools used: gitlab (CI/CD), docker-compose to kubernetes deployment, ansible, puppet, Percona XtraDB Cluster, MariaDB, RabbitMQ, Kafka, NoSQL solutions (redis + dynamite, memcached), AWS services (route53, Aurora, RDS, lambda, ElastiCache, S3, ec2, CloudFront).

OpenNOVA Infrastructure & Systems Architecture [NDA Project]

In the role of DevOps and System Architect at OOO "OpenNOVA" (May 2014 – April 2017), I developed and implemented production infrastructures based on OpenNebula, OpenStack, and kubernetes. I built CI/CD pipelines using gitlab and jenkins, configured high-availability environments, and designed solutions for high-load systems handling up to 150 payment transactions per second.

Technologies and tools used: OpenNebula, OpenStack, kubernetes, docker swarm, docker compose, gitlab, jenkins, bash, python, go, RabbitMQ, Apache Kafka, percona XtraDB, MariaDB, proxysql, haproxy, graylog2, elasticsearch clusters.

IT Progress Processing Systems & Security Implementation [NDA Project]

As Chef of the IT Department and Senior System Administrator at **OOO "IT Progress"** (August 2010 – April 2014), I implemented and supported critical processing systems with a focus on data security, fault tolerance, and high-availability. I configured clusters (Percona XtraDB Cluster, master-master MySQL, PostgreSQL clusters), deployed containerized solutions, and integrated vulnerability monitoring systems along with multi-factor authentication on all systems.

Technologies and tools used: cryptographic protocols (ssh, https), DNS load balancing, peacemaker, corosync, heartbeat, docker (docker-compose, docker-swarm), kvm virtualization,

Oracle file systems, Zabbix, Nagios, OSSEC, Snort.

Apeon Consulting Telephony & Web Infrastructure [NDA Project]

At ООО "Апеон Консалтинг" (April 2009 – August 2010), I built failover IP telephony clusters using OpenSER, Kamailio, and Asterisk, and integrated these with Oracle Siebel for customized client solutions. I also developed high-load web server environments, designed and configured online stores using the Magento engine, and supported email systems.

Technologies and tools used: OpenSER, Kamailio, Asterisk, Mysql, PostgreSQL, Oracle, vTigerCRM, SugarCRM, magento engine, exim, post-fix.

Telme Communication Web & Telephony Support [NDA Project]

During my time at Telme Communication Pte Ltd (December 2008 – April 2009) as a System Administrator, I supported highly loaded web servers and managed IP telephony systems. My work involved database replication management, container virtualization with OpenVZ, and the configuration of Cisco ASA 5505 to secure network perimeters.

Technologies and tools used: nginx, keepalived, heartbeat, MySQL, SipSPBX, Asterisk, OpenVZ, Cisco ASA 5505.

GC Yukon IT Infrastructure & Cabling System Design [NDA Project]

At GC "Yukon" (July 2007 – December 2008), I designed and implemented a structured cabling system for office settings and set up a standardized IT service environment. This project included the deployment of faultover routers, load balanced web servers using keepalived, and configuring mail systems within a robust DMZ architecture.

Technologies and tools used: keepalived, apache, nginx, fault-tolerant routing, web server load balancing.

ance.ua Server & Network Infrastructure Setup [NDA Project]

While working at ance.ua (January 2006 – July 2007) as a Senior System Administrator, I set up and supported company servers, created fault-tolerant routing and web server solutions, and maintained thin client infrastructures based on FreeBSD. I also configured dynamic routing across company VPNs and supported mailer systems.

Technologies and tools used: FreeBSD, dynamic routing protocols, fault-tolerant web server setups, mail server configuration.

Tisa LTD Provider Systems Setup [NDA Project]

In my role as a System Administrator at Tisa LTD (March 2005 – November 2005), I was tasked with configuring and supporting provider mail servers, administering servers based on FreeBSD and Debian, and setting up the Netams billing system. This project laid the foundation for a reliable computer network provider infrastructure.

Technologies and tools used: FreeBSD, Debian, Netams billing system, mail server administration.

Jobs

DevOps at NDA company (July 2021 — Present)

Created new pipelines and migrated legacy infrastructures to Amazon for hundreds of projects. Developed new products and integrations.

Technologies used include gitlab (CI/CD, pipelines), jenkins (CI/CD, pipelines), AWS Cloud (infrastructure creation and support), AWS Bedrock, Kubernetes (EKS, GKE, AKS custom), Python, Azure Cloud, Azure DevOps, Terraform, CloudFormation, CDK, Puppet, CodeMe (AI integration), Vault, ArgoCD, and AWS RDS (MySQL, PostgreSQL).

DevOps at MaxPay (May 2019 — June 2021)

Supported implemented projects and created new pipelines while migrating legacy infrastructures to Amazon.

Technologies and tools used: Nomad, Consul, Terraform, Puppet, AWS Cloud, Linux (on-prem servers), Ansible, gitlab (CI/CD, pipelines), and Blue/green deployment.

Senior DevOps at Akurateco (May 2017 — April 2019)

Developed infrastructure for a new payment system and supported legacy monolithic systems during the transition to a microservice architecture. Implemented CI/CD with gitlab combined with multiple testing stages, including code style, behat, development, QA, and stage tests. Managed databases (Percona XtraDB Cluster, MariaDB) and messaging queues (RabbitMQ, Kafka, NoSQL, Redis + Dymomite, Memcached) within a Kubernetes-based deployment environment. Additionally, leveraged AWS services such as Route53, Aurora, RDS, Lambda, ElastiCache, S3, EC2, and CloudFront.

DevOps, System Architect at OOO "OpenNOVA" (May 2014 — April 2017)

Developed and implemented production infrastructures using OpenNebula, OpenStack, and Kubernetes. Worked with Docker Swarm and Docker Compose to orchestrate container solutions while setting up CI/CD pipelines via gitlab and jenkins.

Focused on building Docker images from scratch, configuring high availability systems, and designing solutions for high-load environments (approximately 100–150 payment transactions per second). Created database clusters (Percona XtraDB and MariaDB multimaster) with ProxySQL and HAProxy, and developed custom CI/CD solutions using Bash, Python, and Go. Also integrated messaging systems (RabbitMQ, Apache Kafka) and implemented asynchronous payment schemes with logging via Graylog2 and Elasticsearch.

Chef of IT Department, Senior System Administrator at OOO "IT Progress" (August 2010 — April 2014)

Implemented and supported processing systems with a strong emphasis on data security, including cryptographic algorithms based on elliptic curves. Managed clusters and built

fault-tolerant, distributed systems with DNS load balancing (round-robin, peacemaker, Corosync, Heartbeat) and master-master replication using Percona XtraDB Cluster for MySQL. Configured PostgreSQL clusters (using PGPool, Slony-I, PGCluster), deployed Docker-based solutions (Docker, Docker Compose, Docker Swarm), built VPNs using OpenVPN, Cisco VPN, IPSec, and others, and monitored systems with Zabbix, Nagios, OSSEC, and Snort. Additionally, implemented two-factor authentication (opie, LDAP, SMS, Google Authenticator) on system servers.

IP Telephony Advisor, Senior System Administrator at OOO "Апел Консалтинг" (April 2009 — August 2010)

Built failover IP telephony clusters using OpenSER, Kamalio, and Asterisk. Integrated Asterisk with Oracle Siebel and customized solutions for client needs, alongside developing Asterisk-based customer calling systems bundled with vTigerCRM and SugarCRM. Designed, configured, and supported high-load web servers using load balancing, managed online stores built on the Magento engine, and set up mailer systems (exim, Postfix).

System Administrator at Telme Communication Pte Ltd (December 2008 — April 2009)

Supported highly loaded web servers (nginx, keepalived, Heartbeat) and managed database replication (MySQL). Handled IP telephony via SipSPBX and Asterisk, maintained mailer systems, utilized container virtualization technology (OpenVZ), and configured Cisco ASA 5505.

Chef of IT Department at GC "Yukon" (July 2007 — December 2008)

Designed, developed, and implemented a structured cabling system for office environments, and established a standard service setup including failover routers and web servers with load balancing (using keepalived, Apache, nginx).

Managed mailer systems within a DMZ and played a key role in reorganizing the IT department into a standalone business unit within the Yukon group of companies.

Senior System Administrator at nance.ua (January 2006 — July 2007)

Set up and maintained company servers and website infrastructure, including the creation of fault-tolerant routers and web servers.

Designed, configured, and maintained terminals ("thin clients") based on FreeBSD, implemented dynamic routing between company VPNs, and supported the company's mailer systems.

System Administrator at Tisa LTD (March 2005 — November 2005)

Configured and supported the provider's mail server and administered servers running on FreeBSD and Debian.

Set up the Netams billing system, provided connection and user services for the provider, and

installed computer network solutions.

Certifications

Education

- Higher Education (2000 – 2005): National Technical University of Ukraine 'Kiev Polytechnic Institute', Kyiv
Faculty of aviation and space systems, Information metrical technology

Language Skills

- Polish: B2
- English: B2

Additional information if provided, skip it if empty

Further Technical Expertise and Professional Highlights

With over a decade of experience in DevOps and system administration, I have a deep understanding of diverse technologies including various Linux distributions and other systems (FreeBSD, OpenBSD, etc.), cloud platforms (AWS, Azure), and container orchestration tools (Kubernetes, Docker, OpenStack, OpenNebula). I have designed, deployed, and migrated legacy infrastructures to modern and robust environments using CI/CD pipelines (GitLab CI/CD, Jenkins) and automation tools (Terraform, Puppet, Ansible). My expertise extends to high availability and fault-tolerant systems, clustered databases, network security, vulnerability management (Nessus, OpenVAS), and compliance with PCI DSS standards.

I am also experienced in leading IT departments, planning and implementing IT projects, and developing custom solutions tailored to business needs. My solid background in security, automation, and system architecture supports my ability to create resilient and efficient infrastructures under demanding conditions.

Driving and Additional Capabilities

I hold a valid driver's license (Category B) and possess my own car. These, combined with extensive technical knowledge and management experience, enable me to support and advance dynamic IT environments.