

# Oleksandr

Senior DevOps from Ukraine



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## Summary

- Experience in greenfield projects as self-starter, devops engineer, project manager.
- Experience working globally without supervision and as supervisor.
- Proactive, communicative.

## Technical Skills

**Operating Systems** RedHat, CentOS, Ubuntu, SUSE, Solaris, Alpine, Windows Server

**Virtualization** KVM, VMWare workstation, Oracle virtualbox, Vagrant

**Containers** docker, docker-compose, docker swarm, AWS ECS, Fargate

**Kubernetes** AWS EKS, GKE, IBM IKS, Openshift, Baremetal kubeadm

**Service mesh** Istio, mTLS, JWT, EnvoyFilter, webassembly

**Cloud infrastructure** AWS, IBM cloud, Azure, Google cloud platform, Alibaba cloud IAAC  
Terraform

**Configuration management** Ansible

**Continuous integration** GitlabCI, Jenkins, TeamCity, CircleCI

**Access management** Auth0, Keycloak+keycloak gatekeeper+istio

**Languages** Python, Java SE

**Scripting** Bash, batch, powershell

**Web servers** Apache, Nginx

**Client server communication** REST, GraphQL, gRPC, SOAP, JSON

**Application servers** Tomcat, Weblogic, Jetty

**Web** HTTP, Websockets, HTML, XML, CSS, NodeJS

**Version control** GIT, github, gitlab, Bitbucket, SemVer

**Artifact management** Nexus, Artifactory

**Deployment orchestration** helm, helmfile, IBM urbancode Deploy

**RDBMS** PostgreSQL + flyway, Oracle + liquibase, MySQL, MSSQL

**NoSQL** MongoDB

**ETL** Talend, Informatica Powercenter, Pentaho Kettle, MS SSIS

**Bug Tracking Systems** Jira, HP OpenView

**Logging** ELK, EFK (Curator, Logtrail, grok patterns), LogDNA, Loggly

**Monitoring** Prometheus, Grafana, SignalFX, SNMP, Nagios, mrtg, munin

**Networking** VPN, Cisco routing & switching, Cisco VOIP, IVR, Cisco Call Centre

## Experience

### DevOps Engineer at IntellectEU

2019 Aug - Present

Responsibilities:

- Infrastructure management: Terraform
- Containerizing application components with microservices
- Logging configuration
- CI/CD pipelines management: SemVer, Renovate bot, helm chart deployment
- Security management: mTLS, VPN
- Helm charts creation , including contribution to public helm chart repositories

Done tasks:

- Implemented CI/CD process with SemVer and renovate bot
- Implemented logging solution with EFK stack, index lifecycle management and backups to AWS S3
- Implemented managed k8s clusters pods and nodes autoscaling solution
- Implemented istio as service mesh / ingress / authentication solutions (mutual TLS, end-user auth) on top of k8s cluster
- Migrated alpine and slim docker images to distroless which allowed to close container security scan issues

- Implemented keycloak and keycloak gatekeeper to secure k8s applications access •

Integrated and customized various grafana dashboards (java boot spring, blockchain, istio, gitlab, kube-eagle)

- Support QA/DEV teams with gitlab pipelines customization (gatling performance testing, code coverage for java, go)
- Automation of custom deployment tasks via bash and python (blockchain platform, custom k8s istio settings)

Technologies & Tools: AWS, GKE, kubernetes IBM IKS, istio service mesh, helm, terraform, gitlab, docker, docker-compose, nginx, Prometheus, Grafana, EFK (Logtrail, Curator), PostgreSQL, SonarQube, Java, maven, Golang, React, Keycloak + keycloak gatekeeper, Whitesource, IBM Hyperledger Fabric Blockchain;

### DevOps Engineer at Evolve dev / Teevid

2018 Oct - 2019 Aug

Responsibilities:

- Automating routine tasks for applications management

- Containerizing application components with microservices
- Continuous Improvement: researching of new technologies and tools
- Providing POCs on regular basis of new tools, technologies, solutions: Prometheus, ELK, kubernetes
- CI/CD pipelines management
- Compliance & Security: static code, vulnerabilities and licenses scanning results remediation

Technologies & Tools: AWS, bash, docker, docker swarm, kubernetes, weave, portainer, supervisor, Jenkins, github, alibaba cloud, nginx, Prometheus, Grafana, ELK, WebRTC, ffmpeg, kurento, licode, turn/coturn, mongo, RabbitMQ, SonarQube, Node.js, pm2, Java, maven, Fossology, nsfocus;

**DevOps Engineer at Luxoft**

**2016-2018**

**L3 senior support engineer at Luxoft**

**2015-2016**

Project #2 (2016 Aug - 2018 Nov): DevOps engineer

- Servers deployment and configuration, software installation and configuration
- Release management and application deployment within SDLC;
- Business requirements analysis and technical tasks fulfillment;
- CI maintenance;

Project #1 (2015 - 2016 Aug): L3 senior support engineer (greenfield project). Promoted to Lead/IT Application Owner

- L3 support team people management
- Application release management
- Development team support and tasks automation
- Testing: Manual, regression, issues reproducing, reporting
- Leading meeting with global teams (L2, central teams), ongoing strategies, knowledge transfer, root cause analysis
- Coordinating application compliance tasks (security, audit)

Technologies & Tools: AWS, Openshift, RHEL, Suse, Solaris, LDAP, NIS, Java EE, Restful, log4j, webSSO, Oracle, GIT, Maven, Teamcity, sendmail, Nexus, Artifactory, IBM UrbanCode deploy, Weblogic, JVM, Informatica, BMC Control-M, SOAPui, XML, WSDL, JSON, Postman, shell scripting, gcviewer, PowerDesigner, IBM BPM, MS Visio, ServiceNow, JIRA, Confluence, ArcSight, Veracode, Geneos, Tableau, SAS;

**Lead infrastructure engineer/Project Manager (staff) at Citigroup**

**2011-2015**

Responsibilities:

- Taken ownership and managed infrastructure projects within EMEA (Ukraine, Poland, Romania, UK, Ireland, UAE)
- Infrastructure management: servers, storage, network, VOIP
- Coordination and configuration of new network services provisioning (from design and circuits provisioning to implementation and support)
- Trade & Treasury services management including new services delivery (Reuters, Bloomberg);
- Procurement/vendor management (Contracts and bids negotiation, services provisioning). Reuters, Bloomberg, IBM, Vodafone, Verizon, Avaya, Cisco, NICE, Riverbed) • High and low level design preparation for voice and networks solutions
- Negotiation designs preparation and projects with Architects, SMEs and vendors

Technologies & Tools: Linux, bash scripting, Cisco IOS, BGP, EIGRP, VLAN, VTP, ServiceNow, HP network automation, Alterpoint, Infovista, SharePoint, CDR billing Phonex, Cisco Webview, NICE Voice-recording, Avaya CMS, Avaya ASA, MS Visio;

Hardware: Cisco, Juniper, Riverbed, IBM Tape Library, Avaya PBX, NICE logger.

**L2 Technical Support Engineer at EPAM Systems**

**2010-2011**

Responsibilities:

- Maintaining financial applications within SDLC
- Change, release, incident management and request fulfillment
- Business continuity management, performing DR/COB scenarios and risk assessments
- Coordination with 3rd parties in case of feeds issues (Sungard, FSA, Bank of England)
- Business users queries investigation
- Communication with developers

Technologies & Tools: JIRA, HP Openview, SQL, Oracle, pl/sql, MS SQL 2005/2010, MS Access, Sybase, Windows 2003, 2008, UNIX, shell scripting, cron, Perl, CA Autosys, JAWS, IBM Netcool, TOAD, Putty, Embarcadero DB Artisan, SAP Business Objects

**Head of voice systems department at Erste Bank**  
**Senior voice network administrator at Erste Bank**

**2008-2010**  
**2007-2008**

Responsibilities:

- Project management and coordination
- Application and voice servers administration
- Mentoring department personnel
- Manage and support of telephony services (+100 locations including EMEA)
- Developing scripts for Cisco IP Contact Center Enterprise and Cisco IVRs
- Provisioning budget of the department; reports preparation to management

Technologies & Tools: Cisco IOS, T-SQL, SQL Server 2000, DTS, SOAP, XML, ASP.NET, PowerShell, SNMP.

Hardware: Cisco routers, switches, Voice-recording servers, HP servers.

### **Software engineer at System Integrator RG DATA 2006-2007**

Responsibilities:

- ETL solutions preparation using MSSQL 2000 DTS, MS SSIS 2005 and Pentaho tools;
- Participation in data warehouse schema design, procedures creation and technical documentation preparation;

Technologies & Tools: SQL, pl/sql, Pentaho Kettle, Power Designer;

### **Education**

2002 – 2008 - MS in Computer Science, National Technical University of Ukraine "KPI" (Kyiv, Ukraine)

### **Languages**

English - upper-intermediate

