Oleksandr
Senior Lead DevOps Engineer

SUMMARY

- 15+ years of professional experience
- Infrastructure planning and implementation.
- Planning and setting up the environment and performing migration of an application multisite the environment into AWS EC2 cluster with a load balancer
- Managing autoscaling and AMI-separating applications with shared network storage.
- Upper-intermediate English
- Available ASAP

TECHNICAL SKILLS

Programming Languages	Assembler, C#, ColdFusion, Groovy, Java, PHP, Python, VBScript
PHP Libraries and Tools	FastCGI Process Manager (FPM)
Rust Frameworks	juniper
.NET Platform	Visual Basic .NET
Databases & Management Systems / ORM	Microsoft SQL Server, MySQL, MySQL cluster, PostgreSQL
Cloud Platforms, Services & Computing	AWS, CloudStack
Amazon Web Services	AWS Auto Scaling, AWS CloudWatch, AWS EC2, AWS EFS (Amazon Elastic File System)
Deployment, CI/CD & Administration	Ansible, Jenkins, Puppet
Web/App Servers, Middleware	Apache HTTP Server, Apache Tomcat, Internet Information Services (IIS), Nginx, Windows Server
Third Party Tools / IDEs / SDK / Services	Asterisk, asterisk PBX, AutoCAD, Visual Studio
Scripting and Command Line Interfaces	Bash, Perl, PowerShell

Mail / Network Protocols / Data transfer	BGP, Cisco, Cisco switches, Dovecot, HAProxy, IPTable, OSPF, Postfix, RADIUS, RIP, SCCP
Version Control	BitBucket, GitLab, SVN
Operating Systems	Centos, FreeBSD, Linux
Virtualization, Containers and Orchestration	Ceph, Kubernetes, KVM (for Kernel-based Virtual Machine), OpenVZ, Terraform, XEN
Hosting, Control Panels	cPanel
Platforms	SAAS
Logging and Monitoring	SIP
Other Technical Skills	bhyve, CARP, Cisco AS, Cisco ASes, Cisco Call Manager, Citrix XEN server, CLVM, Config Server Firewall, CSF, csh, dual home BGP, EMC ScaleIO, Fuel, +Galera, GFS2, HAST, HRRP, IAX, iSCSI, Juju, MAAS, Mellanox: switches, MERA, MVTS, OpenBSD, OpenStack, OpenSwitch, RedHat GlusterFS, RIPE network resources, softswitch, Spacewalk, Sun Open Storage, VRRP, XenServer, zfs

PROJECTS

Systems Architect, Systems Engineer, ASBC

Responsibilities:

- Requirements analyzing.
- Infrastructure planning and implementation.
- Legacy code hell problem-solving.
- Team coordination.
- Operations;
- Support;
- Maintenance;
- ITSM(BMC REMEDY) support;
- Automatization of deployment process on GitLab CI;
- Testing (UI/API);
- Leading and mentoring the Ops Team.

Technologies: Java (Java EE, JDBC, Maven, Ant), SQL (Oracle, PostgreSQL, MySQL), Git, Jira, Confluence, Web server: Apache HTTP. Application server: GlassFish. MQSeries. Testing frameworks (Cucumber, JUnit). Build and deployment scripting. Documentation and project management tools. CI/CD, Pipelines

Systems Architect, Systems Engineer, B2B trading platform (HA infrastructure planning and implementation)

Responsibilities:

- Requirements analyzing.
- Infrastructure planning and implementation.
- Legacy code hell problem-solving.
- Team coordination.

Technologies: Ansible, Perl/Bash scripting, MySQL cluster, Java.

Systems Architect, Systems Engineer, Trading platform (infrastructure planning and implementation and support)

Responsibilities:

- Requirements analyzing.
- Infrastructure planning and implementation.
- Commissioning works.
- Team coordination.

Technologies: AWS, Ansible, Jenkins, Terraform.

Systems Architect, Systems Engineer, Infrastructure planning and implementation

Responsibilities:

- Requirements analyzing.
- Infrastructure planning and implementation.
- Commissioning works.
- Team coordination.

Technologies: XEN/KVM, Fuel, Openstack, Mellanox InfiniBand

DevOps Engineer, Workflow automation

Responsibilities:

- cPanel plugin for custom Private Tomcat System to integrate it with panels to simplify required actions for end users.

Technologies: PHP, JavaScript, cPanel, Apache, ModJK, Tomcat, Ansible for automation.
Role: DevOps Engineer.

DevOps Engineer, Setup HA cluster at Amazon AWS

Responsibilities:

- Plan, set up the environment and perform migration of an existing complicated application multisite

the environment into AWS EC2 cluster with load balancer, autoscaling and AMI-separated application with shared network storage.

Technologies: AWS EC2, AWS EFS, AWS CloudWatch, AWS Autoscaling, Bitbucket, Nginx, php-fpm, Ansible, AWS user-data scripts.

Network Architect, Shared Hosting Provider (Enterprise network infrastructure planning and implementation)

Responsibilities:

- Requirements analyzing, infrastructure planning and implementation.

Technologies: Cisco switches, FreeBSD, dual home BGP, ARIN network resources

System Administrator / Expert Administrator / DevOps Engineer, Hosting company (Infrastructure and end-user support)

Responsibilities:

- Monitoring and troubleshooting for existing servers.
- Configuration of new servers.
- Data migration.
- Security audit.
- Detection and prevention of malicious activity.

Technologies: XenServer, iSCSI, Linux (CentOS 5-7), Windows Server(2k8-2k12), Ansible, Cpanel,
Parallels Plesk panel, Apache, IIS, Nginx, PHP-FPM, ColdFusion, MySQL, MS SQL, PostgreSQL, Tomcat, Config Server Firewall (CSF), Spacewalk

C Developer, Remote Support Company (Security extension development).

Responsibilities:

- PHP extension development for active security audit on shared hosting servers under the company's service.

Technologies: C, make utils, PHP Zend API.

System Administrator, Lead Consultant, National education management information system (HA and high load infrastructure implementation and support)

Responsibilities:

- Planning and setting up scalable HA cluster for PHP applications with MySQL cluster backend.
- Consultations for developers for application refactoring to fit high loads and implement HA.

Technologies: iptables, MySQL Cluster+mysqlnd, HAproxy, CARP.

Network Architect, System Administrator, Small Internet Service and VoIP Provider (Enterprise network infrastructure planning and implementation).

Responsibilities:

- Network infrastructure implementation.
- CRM system implementation.
- Asterisk chan_sip module refactoring for RADIUS AAA.
- HA mail service.

Technologies: Cisco switches, Cisco AS, asterisk PBX, FreeBSD, dual home BGP, RIPE network resources, RADIUS, C, SVN, postfix, dovecot.

.NET developer, Engineering Plant (Application development for resource planning department).

Responsibilities:

- Application development for automatic product price calculation based on Autocad blueprints.

Technologies: Microsoft Visual Studio, SVN, AutoCAD, AutoCAD .NET API.

EDUCATION

Kharkiv National University of Radioelectronics

Computer Science Degree