

Aleksandr Kh.

Senior DevOps Engineer

SUMMARY

- Cloud DevOps specialist with over 13 years of experience.
- Have experience in architect and develop technical solutions for various on premise and Cloud based projects.
- Good experience in Azure cloud, ci\cd, automation, deployment of HA systems.
- For last 4 years participated in many projects related to Azure cloud.
- Upper-Intermediate English
- Available: ASAP

TECHNICAL SKILLS

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|---|---|
| Main Technical Skills | Azure |
| .NET Platform | Azure, Microsoft Exchange |
| Databases & Management Systems / ORM | Microsoft SQL Server, MongoDB, MySQL, Redis |
| Cloud Platforms, Services & Computing | AWS, Azure |
| Amazon Web Services | AWS EC2, AWS S3, AWS VPC |
| Azure Cloud Services | Azure AD, Azure DevOps, Hyper-V |
| Deployment, CI/CD & Administration | Active Directory, Jenkins |
| Scripting and Command Line Interfaces | Bash, PowerShell |
| Version Control | BitBucket |
| Mail / Network Protocols / Data transfer | DHCP, Microsoft DNS, Postfix |
| Virtualization, Containers and Orchestration | Docker, Kubernetes, Terraform, VmWare |
| Logging and Monitoring | Graylog, Zabbix |

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| Third Party Tools / IDEs / SDK / Services | Office 365 |
| Platforms | sendgrid |

EXPERIENCE

Azure DevOps/Architect, Epam

2021 - till present

Responsibilities:

- Automate infrastructure in Azure cloud
- Deployment of solutions to Azure cloud
- Design and implementation of various solutions to Azure cloud
- Implement security and management frameworks
- Design DR, recovery and monitoring of Azure environments

Projects:

Web solution for vet clinics. Solution based on .net stack. Consist from 47 microservices based on Azure Web Apps and Azure Functions.

Technologies: Azure cloud, Azure DevOps, Azure Web Apps, Azure Functions, Azure SQL MI with replication to DR region, Azure Key Vaults, Azure App Configuration, Cosmos db, Azure cache for Redis, Kafka, Azure SBus, Kubernetes, Terraform, PowerShell, Azure Container registry, VNET, Application gateway, Traffic manager

Automation of onboarding\offboarding process using Azure Identity Governance.

Technologies: Azure cloud, Azure AD, Automation based on API of HR systems, PowerShell, Microsoft Graph, Azure Functions, Azure DevOps, Terraform, Kubernetes

Scaling of web platform for online trainings based on Azure Web Apps

Technologies: Azure web app, scale up\scale out, App insight, Azure Metric

Implement releases for new application, support existing pipelines for existing web solutions. Design, improve and automate infrastructure. Implement monitoring, security framework. Various automations.

Technologies: Azure cloud, Azure AD, PowerShell, Kubernetes, Microsoft Graph, Azure Web apps, Azure Functions, Azure DevOps, Terraform, Microsoft Defender, Docker, Azure Container registry, VNET, Application gateway, Traffic manager, Azure log analytics, Azure Management Groups, Azure Policies, Azure Blueprints, Azure RSV, Azure Monitoring, Microsoft Azure Cloud Platform, Azure Devops, Azure ARM, Terraform, Kubernetes, Microsoft Windows, Linux, MS SQL, MySQL, PowerShell\DSC, Microsoft Graph.

Azure Devops, Luxoft

2019 - 2021

- Automation of provisioning of cloud environments and services. Provisioning of cloud infrastructure and environments via Azure ARM templates, PowerShell and PowerShell DSC, Terraform, Microsoft Graph, Azure Functions and Azure Account automation.

- CI\CD via Azure Devops Monitoring and compliance of Azure environments and



services via Azure monitoring, Azure Security Center.

Implementation of reporting via Microsoft Power BI

Responsibilities:

- Automation of provisioning of cloud environments and services. Provisioning of cloud infrastructure via Azure ARM templates, PowerShell and PowerShell DSC, Terraform, Microsoft Graph and CI\CD
- Monitoring and compliance of Azure environments and services

Technologies: Azure container registry, HashiCorp Terraform, Microsoft Azure App Service, Microsoft Azure Automation, Microsoft Azure Storage, Microsoft Azure Cloud Platform, Microsoft Azure DevOps, Microsoft Azure SQL, Microsoft Graph, Microsoft Windows, PowerShell, PowerShell DSC.

Architect, Finance Company

2018 - 2019

Design and deployment of Microsoft Exchange 2019 and migration from Microsoft Exchange 2013.

- Cross forest migration of Active Directory 2008 R2 level internal forest to Active Directory 2019 version.
- Deployment of 2 tier PKI system based on Microsoft AD CS.
- Migration of 2 brands from G-suite to Microsoft Exchange 2019
- Migration of 3 tenants of Office 365 to Microsoft Exchange 2019 with Hybrid Configuration
- Migration of IaaS infrastructure from GCP to on-premise VMware infrastructure
- Migration of company infrastructure on Windows Server 2019 version
- Deployment of SharePoint 2019. Integration with Microsoft OOS.
- Deployment of Postfix and implementing SBR

Responsibilities:

- Product owner, R&D, Security, Implementation and architecture for on-premise and cloud solutions

Technologies: Microsoft Azure Cloud Platform, Microsoft Exchange Server, Microsoft SQL Server, Microsoft Windows, PowerShell, VMware, Microsoft SharePoint, Microsoft Office Online Server, Postfix, AD FS, Microsoft RDS, Microsoft Active Directory, Microsoft WSUS, Microsoft FileShare service, Microsoft AD CA.

Team Leader, Dreamscape Networks

2014 - 2018

Cross forest migration from Microsoft Exchange 2010 and Web Site Panel to Microsoft Exchange 2013 and SolidCP

- Cross forest migration of Active Directory 2008 R2 to Active Directory 2012 R2 version
- Deployment of 2 tier PKI system based on Microsoft AD CS
- Cross forest migration of internal mail system Microsoft Exchange 2010 to Microsoft Exchange 2013
- Extending Exchange 2013 to two datacenters with 2 DAGs
- Deployment of Lync 2013 with 3 Front End and 2 Back End. Integration with Sonus SIP Gateway
- Migration of users from Lync 2010 to Lync 2013. Migration of SIP trunks
- Deployment of Exchange 2013 with 2 DAGs. Migration of 7000 mailboxes from Exchange 2010
- Deployment of Hyper-V cluster based on Windows Server 2012 R2 core editions



- Configuring share nothing migration and migration of VMs from Hyper-V 2012 to Hyper-V 2012 R2
- Implementation of MS SQL 2014 AAG. In future – migration on MSSQL 2016 AAG
- Deployment of 3 instances of DPM 2012 R2 in separate datacenters
- Deployment of SharePoint 2013 with two separate farms. Deployment of data replication between farms
- Implementation of VMM 2012 R2 with App controller
- Implementation of Office Web Apps for SharePoint, Exchange
- Deployment of EDGE with NLB cluster as MTA solution. Implementation of domain sync between Exchange 2013 and other mail systems
- Deployment of MS SCCM with Endpoint protection
- Deployment 2 Hyper-V clusters on server cores and integration with VMM and DPM service
- Deployment 3 node MS SQL FCI for Plesk hosting panel
- Extending Lync system with SfB 2015 pool. Configure pool paring. Users migration
- Migration of Active Directory DS service on version 2016 on Windows core servers
- Deployment of Exchange 2016 with 2 DAGs. Deployment SolidCP panel. Integration with OOS
- Cross forest migration of 16000 customers from Exchange 2013
- Deployment two SharePoint 2016 farms. Integration with OOS and RMS service.

Responsibilities:

- Manage team of 6 employees
- Product owner, R&D, Security
- Implementation and integration of Microsoft systems
- Maintenance of Microsoft systems, DRP, capacity planning
- DRP

Technologies: Microsoft Azure Cloud Platform, Microsoft Exchange Server, Microsoft SQL Server, Microsoft Windows, PowerShell, VMware, Microsoft SharePoint, Microsoft Office Online Server, Postfix, AD FS, Microsoft RDS, Microsoft Active Directory, Microsoft WSUS, Microsoft FileShare service, Microsoft AD CA.

System Administrator, BMS-Consulting

2011 – 2014

- Migration IT infrastructure of commercial bank to Microsoft systems. My scope - mail migration from Microsoft Exchange 2003 to MS Exchange 2013 with publishing by UAG and Symantec mail security as MTA. The system was designed for 20,000 users. Territorial system is spread on 2 datacenters.
- Mail migration of government institution from MS Exchange 2003 to MS Exchange 2010. The system was designed for 10,000 users.
- Mail migration media company for the software MS Exchange 2010, using the architecture - the resource forest. The system is designed for 3,000 users to connect from 5 different remote forest, with the possibility of scaling and capacity building. Territorial system is spread on 3 data centers.
- Migrating users from MS Active Directory 2000 for MS Active Directory 2008 R2. Migration financial public facility with MS Exchange 2000 to MS Exchange 2010 SP2 (400).



- Expanding a mail system MS Exchange 2010 in the cloud

Responsibilities:

- Deployment systems based on software MS Exchange 2013, MS Active Directory. AntiSpam mail systems. PowerShell scripting and automation.
- Writing technical documentation, according to internal company requirements and the requirements of the customer.
- Technical Support Customer.

Technologies: Microsoft Exchange Server, Microsoft Active Directory, Microsoft PowerShell.

EDUCATION

Master's degree in Automotive Engineering Technology/Technician

National Technical University of Ukraine "Kyiv Polytechnic Institute"

2006 – 2011

CERTIFICATIONS

- Microsoft Certified Technology Specialist - 70-662 (exchange 2010 sp1), 2011
- Microsoft Teams Administrator Associate - 70-663 (exchange 2010 sp1), 2011

