

# Ross Kost

ross.kost.23@gmail.com | linkedin.com/in/ross-kost | (646) 360-0430 | Miami, FL

## OBJECTIVE:

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Cloud Architect / Senior DevSecOps / Senior DevOps position in a complex project.

## PROFESSIONAL SUMMARY:

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- Motivated and results-oriented IT professional with a strong technical background and passion for leadership. Excellent communication and collaboration skills, adept at building and empowering teams. Eager to leverage my technical expertise and leadership qualities to take on challenging projects and contribute significantly to the organization
- Proficient in various virtualization approaches and technologies, as well as IT applications performance analysis. Proven experience in project management for infrastructure design and implementation, ability to mentor, collaborate, and drive team success

## TECHNICAL SKILLS:

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Cloud Services:	Proficient in migrating to and managing cloud environments on IaaS/PaaS/SaaS levels, with hands-on experience in AWS/Azure platforms.
Infrastructure Automation:	Skilled in automating infrastructure processes using HashiCorp Terraform/Vault, ARM, GitHub, Ansible, Jenkins, and BitBucket.
Network Technologies:	Adept at deploying and troubleshooting network technologies including vNets, NLB/ALB, Firewalls, VPN, VLAN, APIM and AppGW.
Virtualization Technologies:	In-depth knowledge of infrastructure virtualization approaches and technologies such as Kubernetes, K8s, AKS, EKS, Docker, Containers, Private/Hybrid Cloud, Hyper-V, VMware vSphere, SDN, SD-WAN, SDS, vSAN, DRS/sDRS, Blueprints, VDI, RemoteApp, etc.
Hardware Expertise:	Hands-on experience with hardware components like Blade, Multipath, HP FSC, Dell, EMC, Brocade, 3PAR, Veritas, SAN, NetApp, Zoning, NAS, RAID, Cisco, VPN, VLAN, NLB.
IT Applications Performance:	Expertise in measuring systems performance, collecting metrics, and making data-driven decisions, including horizontal & vertical scaling. Proficient in tools such as MS SCOM, Zabbix, ELK, Splunk, etc.
Project Management:	Demonstrated success in managing infrastructure design and implementation projects, including Data Center consolidations, Business continuity, and Disaster recovery initiatives.

System Architectures:	Proficient in comprehending different software system architectures such as client-server, 3-tier, thin/thick clients, mobile apps, web services, micro-services, etc.
IT Security:	Solid understanding of key IT security concepts and practices, Zero Trust Network Access, Secure Access Service Edge solutions
Methodologies & Frameworks:	Familiar with architecture best practices, methodologies, and frameworks, including ITIL, ITSM, MSF/MOF, and Agile.
Technical Documentation:	Capable of producing and reviewing high-quality technical documentation, ADR/HLD/LLD, reports, and diagrams.

## PROFESSIONAL EXPERIENCE:

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**Brillio for Ceridian**

**Oct 2023 – Dec 2023**

**Cloud Architect, Network & Security (Miami, FL)**

### Responsibilities:

- Created Assessment for AWS cloud migration project that co-exists with the on-premises infrastructure.
- Conducted thorough evaluations of existing network infrastructure and security to ensure they were compatible with cloud architectures. This included a detailed analysis of architecture documents and migration tools for each application set for cloud migration.
- Worked closely with application owners, addressing specific requirements related to network segmentation, firewall settings, data flow, and compliance for various applications.
- Developed strategies to integrate security tools such as SIEM, malware sandbox, Vulnerability scanning, DLP and EDR with cloud services, enhance disaster recovery, and maintain business continuity during and after moving to cloud platforms.
- Provided expert advice on cloud security best practices, including Landing Zone architecture design, Service Control Policies (SCP), IAM Policies, SSO integration, security groups, NACLs, security hardening and compliance with industry standards.
- Played a key role in preparing High-Level Design documents and network diagrams for AWS migration readiness.
- Collaborated with cross-functional teams to align network and security strategies with the overall goals of the cloud migration project.

**Technology stack:** Terraform; CI/CD; Amazon Direct connect/Transit Gateway/SWG/FWaaS/SSO/MFA/etc.

**Altimetrik for Fidelity Investments, Nations Benefits**

**May 2021 – June 2023**

## **Sr Solution Consultant (Miami, FL)**

### **Responsibilities:**

- Leading AWS/Azure cloud infrastructure deployment through the CI/CD in a multi-tenant and multi-region environment. **Technology stack:** Terraform workspaces; Jenkins; Amazon Vending machine; AWS EC2/S3/SNS/MFA/etc; Bitbucket; AD DS/GPO; Hashicorp Vault
- Automation of Oracle DB cluster deployment on the Exadata platform in one click. Technology stack: Terraform; Ansible; Exadata; Jenkins; Infrastructure as Code (IaC)
- Worked on the HashiCorp Vault secret tool to provide security for credentials, tokens, and API keys
- Azure infrastructure deployment as a Code for microservices. Technology stack: Terraform, Azure DevOps services, Azure Landing zone, WebApps, Azure Function, App Gateway, ALB/NLB, NSG/ASG, API Management, CosmosDB, PostgreSQL, Kubernetes Service (AKS), Helm chart, Container Registry (ACR), Docker, RBAC, etc.

## **P2V Consulting for KIA Motors, 7 Skills**

**Mar 2020 – May**

**2021**

## **IT Solutions Architect (NYC, NY)**

### **Responsibilities:**

- The prototype solution is made to expand local resources to the cloud and to calculate a mathematical model based on data stored on the NetApp storage system. Technology stack: NetApp; Azure NetApp Files; Kubernetes cluster; Trident; Jenkins; Terraform; Infrastructure as Code (IaC)
- Created an on-premises pilot project for infrastructure automation. Predefined images of operational systems are delivered to the hardware, plus software and updates.
- The analysis of the existing information system for automating work with dealers on orders and spare parts turnover was carried out.
- Implemented Security Scans like Static and Dynamic Application testing at each layer of the DevOps life cycle and converted the existing DevOps methodologies/workflows to the DevSecOps model.
- Audit results: created documentation for the information system with a volume of 190 pages; recommendations for eliminating the found shortcomings in the security and performance of the system at the level of infrastructure, databases, user privileges, and PHP code.

## **Société Internationale de Télécommunications Aéronautiques (SITA)**

**Mar 2019 – Mar**

**2020**

## **Sr. Azure DevOps Engineer (NYC, NY)**

### **Responsibilities:**

- Manage Azure infrastructure on PaaS and SaaS level (App Service, API Management, AppGW, IoT Hub, Event Hub, Key Vault, etc.) in a multi-tenant and multi-region environment.

- Hands-on experience designing and operating Azure DevOps CI/CD platform to trigger builds with artifacts and deployments based on customized workflows.
- Build CI/CD pipelines from the PowerShell code to maintain Blue-Green Deployment and testing tasks.
- Integrated bug track, feature, helpdesk, and Git branching strategy into daily processes.
- Migration from JSON to YAML pipelines
- Perform API troubleshooting with Swagger-based documentation and automation REST API tests with Postman.

#### **P2V Consulting for 7 Skills**

**Nov 2018 – Mar 2019**

#### **DevOps Engineer (NYC, NY)**

##### **Responsibilities:**

- Support of existing container infrastructure (AWS EC2, CI/CD, Docker, Ansible, Jenkins, Artifactory, Bitbucket, ELK, Nginx, Swagger, Postgres, etc.)
- Launch of projects focused on business continuity and disaster recovery (reserved Data Center, clusterization)
- Infrastructure automation (PowerShell, VMware)

#### **OS33 (SaaS for security-sensitive firms)**

**May 2018 - Nov 2018**

#### **DevOps Engineer (NYC, NY)**

##### **Responsibilities:**

- Developed workflows and Infrastructure as Code projects to automate service delivery, configuration, and retirement in PowerShell, vCenter Orchestrator, and Terraform for thousands of servers.
- Deploy and support Infrastructure as a service (IaaS) in a multi-tenant hybrid environment across 4 Data Centers and AWS cloud (5000+ virtual machines)
- Hands-on experience supporting hardware like Cisco UCS/MDS/Nexus, HPE servers; Storage systems (EMC, NetApp, Nexsan, X-IO); and SAN networks.
- Migration of hypervisor from VMware vSphere to Microsoft Hyper-V with PowerShell code and Desired State Configuration (DSC)
- Organization and management of contractors performing work in remote Data Centers

#### **P2V Consulting for KIA Motors, 7 Skills**

**Feb 2018 - Mar**

**2018**

#### **Sr. System Engineer (NYC, NY)**

##### **Responsibilities:**

- Audit of IT infrastructure and mail system
- Migration from Exchange 2010 to 2016 for 400+ mailboxes (PowerShell / VMware / Remote support)
- Low to mid-range hardware HPE servers / Brocade SAN switches / QNAP, HP MSA, NetApp storages

**NLMK (Steel production company)**

**May 2016 - Feb 2018**

**IT Infrastructure Architect**

**Responsibilities:**

- Audit of IT infrastructure 6 plants in Europe. Developed the plan for the modernization of infrastructure and services (Azure/o365)
- Reorganization of Microsoft services (AD, Federation, Skype for Business, Exchange, etc.)
- Created a private cloud based on VMware with Hardware-as-a-service from HPE.
- Migration of SAP services (ERP, MRS, BW, PO, GRC, SuccessFactors, QM, and SRM) to private cloud.
- Developed and implemented the service SAP HCM (Human Capital Management) for 100k employees in compliance with the Law on the Personal Data Protection Act.
- Support of deployed services in line with agreed Service Level Agreement (SLA) targets.

**IBS Platformix for LIFE Financial Group**

**May 2014 - Jun**

**2016**

**Sr. System Engineer**

**Responsibilities:**

- Migration of mail platforms and document workflow to the cloud service Office 365 / Azure and Google for Work. Coexisting between on-premises Exchange services and Office 365. Audit, analysis, and documentation of the IT infrastructure for clients.
- Developing and implementing a cloud management platform for private and hybrid clouds. The customer is Russian LIFE Financial Group. The idea behind the projects was to demonstrate the seamless and dynamic exchange of resources between public clouds and private infrastructure while keeping important applications (or parts of applications) running internally.
- Created an on-premises pilot project for a hybrid cloud based on VMware vCloud Automation Center (vCAC). The solution is integrated with the Amazon EC2 platform and on-premises enterprise infrastructure (vCenter, AD, Networks, etc.) Blueprints were created for IaaS / PaaS / SaaS services. Monitoring and billing based on VMware vCenter Hyperic and IT Business Management (ITBM). Orchestrator for general-purpose workflow-based automation. Then they renamed to vRealize Automation (vRA), vRealize Orchestrator (vRO) and vRealize Business.
- Created an on-premises pilot project for a Private Cloud based on a commercially supported version of OpenStack. Integration with customer's enterprise infrastructure (Networks, Network services, vCenter, etc.)

**Société Générale S.A. (banking and financial services)**

**Aug 2013 - May**

**2014**

## **IT Infrastructure Architect**

### **Responsibilities:**

- Created a detailed technical plan for modernizing email infrastructure with Microsoft Exchange, supporting 16,000 mailboxes that enabled the decommissioning of 10 e-mail systems. Development of requirements for tender and selection of the contractor.
- Development and implementation of the concept of BYOD in the bank. Service based on solutions by Blackberry, Good for Enterprise, and ActiveSync. Created a 3-level Service Desk to assist customers 24/7.
- Developed solutions for coexistence mail systems inherited after M&A.
- Participated in the project of migration and consolidation of more than 1000 servers on HQ data centers.

## **Sberbank-CIB (Investment banking, asset management)**

**Jun 2010 - Mar 2013**

### **Sr. System Engineer**

### **Responsibilities:**

- Implemented service to automated IT service delivery with Dynamic Ops Cloud Automation Center.
- Created an infrastructure of corporate email Microsoft Exchange with mobile access for different platforms. Provided option for mail migration for more than 5,000 mail recipients around the world. All servers are running on VMware hosts with NetApp storage in two different data centers.
- Trained technical support staff. Have created a knowledge base for reducing solution time of incidents.
- Mail migration and coexistence from Lotus Domino to Microsoft Exchange system with Quest software.
- Designed and implemented Mobile access for different platforms based on Blackberry, Good for Enterprise, and ActiveSync.
- Developed and implemented the project to upgrade the virtual infrastructure VMware to the new version.
- Implemented the project of unified communications based on MS Lync and integrated with Avaya, SharePoint, and Exchange.
- Created a complex activity focused on ensuring continuity and security of IT infrastructure (data redundancy, failover services, protection from threats, auditing, monitoring).
- Manage the virtual infrastructure, failure analysis, identifying bottlenecks, and identification of performance problems.

## **EDUCATION:**

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2001 - Master's degree at State University of Aerospace Technologies.

## **ADDITIONAL TRAINING / CERTIFICATION:**

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2023 - Exam AZ-900: Microsoft Azure Fundamentals

2011 - Course 10533 "Deploying, Configuring, and Administering Microsoft Lync Server 2010"

2010 - Exam 70-662 "Microsoft Exchange Server 2010, Configuring"

2008 - Course 5047 "Introduction to Installing and Managing Microsoft Exchange Server 2007"

2008 - Course 5049 "Managing Messaging Security Using Microsoft Exchange Server 2007"

2008 - Course 5050 "Recovering Messaging Servers and Databases Using Microsoft Exchange Server 2007"

2008 - Course 5051 "Monitoring and Troubleshooting Microsoft Exchange Server 2007"

2006 - Course Interconnecting Cisco Networking Devices (ICND)

2005 - Course Introduction to Cisco Networking Technologies (INTRO)

2005 - Course "ITIL Foundation" P. G. Diana. Getronics.

2004 - Course "ISO 9000. Fundamentals of Quality Management System "

2004 - Course 2400 "Implementing and Managing Microsoft Exchange Server 2003"

2002 - Course 2072 "Administering a Microsoft SQL Server 2000 Database"