|  |  |
| --- | --- |
|  | **Kingsley** **Okoli**  Kingokoli@outlook.com | (805) 9107798  Bowie, MD 20716 |

|  |  |
| --- | --- |
| **Professional Summary** | AWS Solutions Architect and Information Security Specialist with six years of working experience in Information Security Compliance, DevOps, Networking, and Cloud Infrastructure. Managing mission critical cloud infrastructure, Information Security, Risk Management, Migration, and Data Center operations. Helping several organizations architect, develop, and deploy innovative and sophisticated cloud solutions using the best cutting-edge cloud technologies while adhering to industry best practices to achieve business goals as well as customer satisfaction. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Skills** | |  |  | | --- | --- | | * Network/System Administration, and Security in Windows and Linux environments Clients, Protocols * Knowledge of Security Compliance and Risk Management Framework (i.e. FISMA, NIST-SP-800 series, RMF, PCIDSS, HIPAA) * Experience with Networking OSI model, WAN, LAN, VLAN, TCP/IP, DNS, VLSM, DHCP, AD, VPN, Routing protocol, Protocols, VTP protocol. * AD, Migration, WAN * Designing, Risk Management * Back-up, Disaster Recovery * Linux | * Experience with AWS: VPC, EC2, ELB, S3, CloudFront, IAM, RDS, Dynamo DB, Route 53, CloudWatch, SNS, NACL, SG, NAT, VPN, Cloud Trail, AWS CLI, Cloud formation. * Data migration, Oracle RDBMS, IDS, Switch, Scrum * Databases, Real-time * Anti-virus, Enterprise, Windows Server * Architect, Network security * Information Technology, TCP/IP * SharePoint, VPN | |

|  |  |
| --- | --- |
| **Certifications** | * AWS Certified Solutions Architect (CSAA) * AWS Certified Cloud Practitioner (CCP) * Certified Authorization Professional (CAP) * Certified Scrum Master * Certified Software Tester |

|  |  |
| --- | --- |
| **Work History** | Lead Cloud Engineer |Constellation Energy Group Inc - Baltimore, MD 03/2018 - Current   * Evaluate the requirements and business needs of organization and make architectural recommendations for implementation and deployment of the applications in AWS environment * Hands-on knowledge of cloud architecture, such as VPC, Subnets, VPN, VPC, Peering Connection, NAT Gateway, Transit Gateway, EC2 instances, network access controls, security groups, availability zones, edge location, and end point services. * Presentation skills with a high degree of comfort speaking with executives, IT Management, and developers; strong communication skills with an ability to right level conversations. * Identify the top cloud architecture solutions to successfully meet the strategic needs of the company while creating infrastructure migration strategies including application migrations to cloud withing AWS environment * Create and manage Life-cycle policies to migrate and backup data between various S3 buckets classes as well as archiving from AWS S3 to AWS Glacier based on business needs * Create cloud performance tuning, including the following; (load balancing, web servers, content delivery Networks, Caching (Content and API)) leveraging AWS Cloud services such as ELB, ALB, NLB, EC2, Lambda, ECS, LightSail, EMR, CloudFront, Elastic Cache, API Gateway, analyzing cloud implementations and provide recommendations to increase efficiency of systems. * Proactively monitor resources and applications using AWS Cloud Watch including creating alarms to monitor metrics such as EBS, EC2, ELB, RDS, S3, SNS and configured notifications for alarms generated based on events defined. * Designed and implemented scalable solutions in the cloud environment leveraging cloud enterprise technology and services in AWS such as AWS VPC, Autoscaling Group, ELB, and AWS Global Infrastructure (Regions and Availability Zones). * Designed and implemented perimeter security controls – firewall, IDS/IPS, network access control and network segmentation, leveraging Third-party vendor software such as Palo Alto, F5 Boxes, etc. * Delivered business applications within an AWS platform including software Lambdas, API Gateway, Aurora, and Dynamo DB, EC2, Python, Java, SQL, GIT, Terraform, Automated testing. * Enabled access logging for Cloud Trail on S3 bucket to track access requests and identify potentially unauthorized or unwarranted access attempts. * Encrypted data stored in EBS as an added layer of security. * Encrypted Amazon RDS as an added layer of security-enabled requires parameter in all Redshift clusters to minimize the risk of attack. * Architected and implemented AWS Cloud's platform best-practice monitoring and alerting solutions.   AWS Solutions Architect | Icon Industrial Solution LLC - Houston, TX 09/2016 - 02/2018   * Designing and implementing dynamically scalable, highly available, fault tolerant, and reliable applications on AWS infrastructure across availability zones and regions. * Managed maintained the organizations cloud infrastructure including deployment and troubleshooting of cloud-based security access control , and compliance using technologies such as IAM, Guard Duty, Single sign-on, WAS& Shield inspector, Cognito, and security group in securing customer’s cloud infrastructure * Deployed AWS Config, Guard Duty, Cloud Trail, Cloud Watch, and Security Hub, AWS Cognito, AWS IAM policy generation. * Contributed to the design and deployment of cloud infrastructure solutions meetings standardization, consolidation, TCO, security, regulatory compliance, and application system qualities for different businesses. * Built, managed, and supported AWS Cloud environments including virtualization, compute, storage, backup, and business continuity requirement, Leveraging automation and delivery mechanisms for deployments. * Hands-on knowledge with Cloud Key Management service (AWS KMS, AWS Cloud HSM), Cloud Data Loss Prevention, Cloud Anomaly Detection, Cloud Security Command Center protection that includes IPS and IDS tools. * Hands-on experience in AWS Security Hub Service, capturing cloud audit logs leveraging AWS CloudTrail, AWS CloudWatch Logs, AWS VPC Flow Logs. * Provision Cloud Solutions utilizing AWS resources such as EC2, S3, IAM, ECS, RDS, ELB, auto-scaling, IAM Roles, and CloudWatch. * Strong Amazon Web Services (AWS) knowledge maintaining, troubleshooting, and deploying cloud-based security tools & technologies in securing customer’s cloud infrastructure. * Collaborate with AWS field sales, pre-sales, training and support teams to help partners and customers learn and use AWS services such as Amazon Elastic Compute Cloud (EC2), Amazon Simple Storage Service (S3), Amazon Simple DB/RDS databases, AWS Identity and Access Management (IAM), etc. * Work as part of Scrum team for System/ Software Development Lifecycle (SDLC). * Understanding of applications, servers, and network security and government regulations and standards such as FISMA, FIPS, NIST, etc. * Design, Deploy and maintain enterprise class security, network, and systems management applications within an AWS environment. * Created and managed network routing and switching protocols such as TCP/IP, DNS, DHCP including AWS network routing. * Documenting design and ensuring adherences and enforcing existing process guidelines. * Review Clients' Disaster Recovery Plans and Business Continuity Plan and their designated controls for effective recovery and assist the System Owner in defining, implementing, and maintaining information security policies, standards, and procedures. * Hands-on experience with Vulnerability Management tools like Tenable Nessus, Qualys, AWS Guard Duty. * Perform cloud migration assessment and data migration from on premises environments into AWS and support the system development lifecycle. * Guiding customers to ensure success in building and migrating applications, software and services following the principles of the AWS Well-Architected Framework. * Collaborate with the customer to develop and manage end user satisfaction programs, including regular end user satisfaction surveys, according to the customer's guidelines.   Systems/Network Analyst | Verizon - Ashburn, VA 02/2014 - 08/2016   * Work with other security professionals in developing and implementing strategies to detect and mitigate threats to information systems, protect critical data sets, and provide assessments of system vulnerabilities. * Supported IT Infrastructure Systems and Applications 24x7x365 and monitored the datacenter servers and networking gears. * Analyze traffic flow patterns by capturing packets on the network using Wireshark (packet analyzer) to identify rouge protocols and nodes on the network. * Performed implementation and integration tasks for medium to large, complex proprietary systems and acquired software solutions. * Operate, maintain, and improve security incident response processes and systems. * Perform real-time log analysis to provide network and data security. * Perform cloud migration assessment and data migration from on premises environments into the cloud platforms and support the system development lifecycle. * Triage and handling of inbound calls document all client communications. * Configure and troubleshoot SecureWorks IDS/IPS and associated infrastructure. * Performed Cisco switch deployments and VLAN configurations, VTP, Spanning-tree protocol, Site to Site VPN configurations on routers and contributed to network and architectural diagrams as needed. * Make recommendations to senior management on results of analysis and work closely with other Information Technology groups to refine and enhance security controls. * Build the incident tracking and documentation repository using SharePoint. * Provide on-site support for troubleshooting, resolving, and escalating technical issues to the appropriate support organization. * Evaluate threats and vulnerabilities to information systems to determine the need for additional safeguards. * Documenting trouble & service calls using the Remedy Tracking System and to accurately document, track/update, and resolve service requests and incidents. * Respond to user calls, e-mail, voice mail, faxes, and instant messages to resolve incidents and service requests on the first contact and their representatives for follow-ups on client problems after resolution. * Prepare IT network and systems performance reports. * Triage and troubleshoot issues as they arise, escalating, as necessary. * Interact with vendors with regards to circuits and equipment outages and managed the all-important critical communications process. |

|  |  |
| --- | --- |
| **Education** | University of Maryland Global Campus - MD 05/2020  M.S. Cybersecurity Technology  Western Governors University Online  Bachelor of Science: Cloud Systems Administration |