Lucky Onoriode

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**Professional Summary**

Fun and respected Senior Cloud Security/AWS Solutions Architect and DevOps Professional with a problem-solving attitude, bringing a combine experience in Information security, Risk Mgt, Machine Learning, BigData with other special set of skills, managing server infrastructures and data center operations. Implementing upgradable, scalable, Hyper-converged infrastructure and micro-services across multiple platforms (Unix, Linux, Amazon Linux). Helping clients achieve business agility, scalability, high availability and flexibility, providing strong AWS ecosystem expertise and building bridges between Development and Operations utilizing DevOps and DevSecOps processes.

**Skills**

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| • Machine Learning, BigData professional• Conflict resolution/High Achiever.• Team leadership/Security Awareness.• Team Motivation/ Self-motivation• Information Protection and Analysis.• Governance, Risk & Compliance (GRC)• AWS, Azure, Google Cloud, BCP & DRP, PKI, Cisco Umbrella, Scripting.• Database Querying Languages; MySQL, NOSQL/DynamoDB, Python, Windows Shell, Palo Alto Prisma, Cortex• Strong verbal comm. Palo BPA, Prisma. AWS Firewall, Control Tower concepts, Security Hub, Security Guardrails etc. | Gradle, Git, Docker, Ansible, Kubernetes, Bamboo, Slack, Nagios, Jenkins, Puppet.• Amazon Web Services (EC2, EBS, S3, IAM, AMI, VPC, VPC Peering, NACL, Security Groups, Route53, Auto Scaling Group, ELB, SNS, CloudWatch, Elastic Beanstalk, Cloud Formation) AWS CodeDeploy, AWS CodeCommit, AWS CodeBuild, AWS CodePipeline, Cloud Passage, F5, Barracuda Guardian Angel, Jira, Aviatrix, F5, Arista CVP / vEOS. Palo Alto Panorama, Expedition, Guardrails Configuration, IAM, Lambda, DevOps Engineer and DevSecOps Evangelist. |

**Certifications**

* **AWS Certified Cloud Practitioner - Certified.**
* **AWS Certified Solutions Architect (Associate) Certified.**
* **AWS Certified Developer (Associate) Certified.**
* **AWS Certified SysOps Administrator (Associate) Certified.**
* **AWS Certified Solutions Architect Professional - Certified.**
* **AWS DevOps Engineer Professional - Certified.**
* **AWS Security Specialty+ - Certified.**
* **AWS Machine Learning Specialty - Certified**
* **AWS BigData Specialty - Certified.**
* **SCRUM MASTER Certified**
* **CompTIA SECURITY+ Certified**
* **ITIL Certified.**
* **AWS Certified Advanced Networking Specialty (In-View - September 2020)**
* **AWS Certified Database Specialty (In-View - September 2020)**
* **Certified Ethical Hacking (CEH) Certified.**
* **Certified in Risk and Information Systems Control (CRISC) Certified.**
* **Certified Information Security Manager (CISM) Certified.**

**Work History**

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| 10/2019 to 07/2020 | Consultant; Senior AWS Solutions Architect/**Cloud Security & DevOps Engr.**Freddie Mac – Remote, VA* Provided expertise to client's early adoption strategy such as end user training, evangelizing cloud solutions, bringing understanding, experience, and best-practice in the AWS cloud ecosystem.
* 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 the alarms generated based on events defined. Establish
* Ed the appropriate monitoring and alerting of solution events related to performance, scalability, availability, and reliability.
* Experience in deploying and monitoring applications on various platforms using Elastic Beanstalk, setting up the life cycle policies to back the data from AWS S3 to AWS Glacier.
* Writing and documenting SOPs and step-by-step procedures for stakeholders to follow for their deployments.
* Put together configuration hardening documentation for both AWS and Azure environment stakeholders.
* The deployment of Palo Alto Prisma Access, Prisma Cloud, Cortex and VM-Series 1 & 2, Panorama in AWS, Microsoft Azure, and on-premises VM environments.
* Engaging engineering team in meetings to resolve deployment issues.Creating AWS and Azure test environments to test Dome9, Barracuda Guardian Security and Aviatrix Transit Gateway.
* Collaborated with engineering and development teams to resolve application to platform integration issues for both IaaS and PaaS services.
* Experience building and deploying multi-tier, scalable, and highly available applications using Java, Microsoft, and Database technologies, leveraging AWS services.
* Hands-on experience in managing enterprise scale solutions that leverage the following AWS Services: EC2, S3, EBS, SSM, Dynamo DB, EMR, CloudFormation, RDS, CloudFront, VPC, Route53, IAM, CloudWatch, Elastic Beanstalk, Lambda, etc.
* Hands-on experience in performance tuning, including the following: (load balancing, web servers, content delivery Networks, Caching (Content and API).
* Built Cloud Security Architecture Specifications for multiple Information Security Domains including but not limited to; Cloud, Networking, Endpoint, SDLC, etc.
* Responsible for planning, designing, and developing cloud-based applications, managing cloud environments in accordance with security guidelines.
* Hands-on experience in developing in code repository systems such as GIT, GIT Hub, Bit Bucket, Code Commit etc.
* Working knowledge of continuous integration systems such as Jenkins, Code Pipeline.
* Hands-on experience in automation/configuration management using Puppet, Chef, Ansible, Terraform, CloudFormation, OpsWork, AWS System Manager.
* Provisioned various AWS infrastructures as code (IaC) using Terraform, CloudFormation, and/or Ansible scripts.
* Configured and maintained customers CI/CD pipeline and work closely with engineering and business owners to deliver application performance data that helps drive crucial decisions for future feature development and marketing strategy.
* Managed infrastructure services in a production environment to ensure high availability and reliability.
* Designed the architectural frameworks solution (IaaS, PaaS, SaaS) that best suits the clients web application hosting demands in the AWS cloud platform, leveraging AWS services such as EC2, Elastic Beanstalk, S3 web hosting, ECS, Lambda, AWS Fargate, with focus on integrated and automated service delivery.
* Built VPCs from scratch, creating private and public sub-nets, creating security groups and network access lists, configuring internet gateways, OpenVPN, creating AMI, understanding of user access management/role based access/multi factor authentication and API access, configuration of auto scaling and elastic load balancer for scaling services if a configured threshold has been exceeded, configuration of SNS to send notifications and Cloud Watch to collect logs and metrics, spinning both Windows and Linux EC2 instances as needed.
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| 10/2018 to 09/2019 | Consultant, AWS DevOps / Cloud Engineer Jefferies LLC – Jersey City, NJ* Built VPCs from scratch, creating private and public subnets, creating security groups and network access lists, configuring internet gateways, OpenVPN, creating AMI, understanding of user access management/role based access/multi factor authentication and API access, configuration of auto scaling and elastic load balancer for scaling services if a configured threshold has been exceeded, configuration of SNS to send notifications and Cloud Watch to collect logs and metrics.
* Participated in deep architectural discussions to build confidence and ensure customer success when building new and migrating existing applications, software, and services on the AWS platform.
* Proactively monitored resources and applications using AWS CloudWatch including creating alarms to monitor metrics such as EBS, EC2, ELB, RDS, S3, SNS and configured notifications for the alarms generated based on events defined.
* Third Party Vendor engagement and coordination to customer site for Demo and POC.
* Architected and operating solutions built on AWS Platform.
* Created business continuity/disaster recovery, fail-over and runbook documentation.
* Ensured security is integrated into all cloud architecture solutions built.
* Responsible for creating VPCs for Dev/test team, simulating a production environment for web/application servers and database traditional servers in public and private subnets, respectively.
* Created implementation diagrams and data flow mappings for all projects with current customer.
* Completed ownership of assignments, actions items and issues, and remain accountable for their completion.
* Proposed, designed, and implemented Production-ready CI/CD pipelines.
* Designed, built, and maintained CI/CD pipelines, using code, configuration, build, deploy, and monitoring tools.
* Hands-on experience working with Ansible and Terraform.
* Built a 2-3 and 4 stage pipelines leveraging AWS Code Pipeline.
* Excellent verbal and written communication skills - able to understand and convey complex product requirements or technical concepts to technical and non-technical audience.
* Learning, collaborating, contributing, improving, and fostering team success.
* Experience working with multiple monitoring and metrics collection platform. (Prometheus and Grafana).
* Applied AGILE methodologies, participated in planning and support delivery (work with developers and teams to help design DevOps approaches).
* Designed and implement DevOps solutions that leverage AWS and internal products/service capabilities to meet requirements.
* Designed, developed, and operationalized Continuous Integration, Continuous Deployment, and Continuous Delivery solutions.
* Provided hands-on support for the ongoing development of Infrastructure-As-Code (IAC) and support operation and maintenance team.
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| 07/2017 to 10/2018 | Consultant, AWS Solutions Architect / DevOps Engineer Walgreens Headquarters – Deerfield, IL* 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.
* Experienced with architecting/operating solutions built on AWS Platform.
* Created life cycle policies to back the data from AWS S3 to AWS Glacier in line with business compliance and need.
* Created business continuity/disaster recovery, failover, and runbook documentations.
* Ensured security is integrated into all cloud architecture solutions built.
* Extensive understanding of solution service offerings across; Infrastructure (including outsourcing best practices, transition, and ITIL).
* Configured NACL and security groups, thus limiting malicious attacks from blacklisted range IP addresses.
* Designed and managed public/private cloud infrastructures, using Amazon Web Services which include EC2, S3, Cloud Front, Elastic File System, RDS, VPC, Direct Connect Route53, Cloud Watch, Cloud Trail, Cloud Formation, and IAM roles for several customers (WAG Departments).
* Led projects remotely, in a hands-on role driving AWS cloud migration/adoption from inception to production.
* Experience leading and working with diverse geographically distributed teams remotely offshore (India/Mexico).
* Led requirements gathering, analysis and solution development for AWS cloud-based solutions for each department.
* Architected highly available, backup, and disaster recovery solutions on AWS.
* Performed several hundreds of Servers, Applications and Database Migrations from WAG Data Center to the Cloud.
* Configured and deployed micro-services and instances for example AMI's, EC2, ECS, Auto-scaling, S3, Security groups using CloudFormation.
* Automated software delivery using continuous integration and delivery (CI/CD) pipelines.
* Created a build server for continuous integration (CI) on AWS.
* Securely store and version WAG projects with AWS Code Commit.
* Deployed a monolithic node.js application to a Docker container, then decouple the application into micro services without any downtime.
* Deployed containerized applications into a Kubernetes cluster using Amazon Elastic Container Service (ECS) for Kubernetes.
* Provisioned and updated web application with AWS CloudFormation, using Auto Scaling groups, Amazon Elastic Cloud Compute (EC2) instances, and Elastic Load Balancer.
* Participated in departmental, project and general meetings and effectively present status as appropriate.
* Developed and own Key Performance Indicators (KPIs) to ensure performance is measured against expected business outcomes.
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| 06/2015 to 05/2017 | Consultant, AWS Solutions Architect / DevOps Engineer Tetra Pak – Dallas, TX* Participate in deep architectural discussions to build confidence and ensure customer success when building new or migrating existing applications, software and services on the AWS platform.
* Architecting/operating solutions built on the AWS Platform.
* Gathered technical requirements, assess capabilities and provide appropriate cloud solution recommendations and adoption strategy.
* Established the appropriate monitoring and alerting of solution events related to performance, scalability, availability, and reliability.
* Captured and share best-practice knowledge amongst the AWS Solutions Architect team.
* Leveraged Identity Access Management features to setup Multi-Factor Authentication (2FA) for added security layer to root account, enterprises user account and assigning roles based on principles of least privileges to users.
* Architect, design and support continuous integration and delivery pipeline.
* Opened change tickets (JIRA) as needed to facilitate release automation processes.
* Participated in company provided training and perform independent training and research as appropriate.
* Designed and implement DevOps solutions that leverage AWS and internal products/service capabilities to meet requirements.
* Participated in an on-call support rotation for providing after-hours support.
* Gained Extensive experience installing, configuring and using various open source and CI/CD tools such as Jenkins, Chef, Docker.
* Maintained deployment software and tools (Jenkins, Puppet, Chef, Ansible etc.) Work closely with developers to ensure on time delivery of services.
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| 06/2012 to 05/2015 | Senior IT Consultant Bank of America Corp – Dallas, TX* Reviewed and Identify vulnerabilities identified by scanning tools.
* Established a plan of resolution for vulnerabilities along with timelines.
* Worked with the Incident Management and Response Team to respond to incidents.
* Build Incident response processes, procedures and maintained security documentation.
* Established and Maintained DR procedures for current and new technologies.
* Producing metrics and reports on the state of system security, threat, vulnerability and patch management.
* Built effective relationships with key stakeholders who own and support IT infrastructure, applications, processes, and operations.
* Demonstrated experience working with senior management on highly sensitive projects that require the utmost discretion and maintaining strict confidentiality on all data, records, and tasks as required.
* Brief technical risks and issues to executives and business leaders.
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**Education**

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| 2018 | Bachelor of Science: Cloud and Systems Administration Western Governors University  |

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| 04/2018 | Certificate of Completion: Cloud Security Architecture and Operations The SANS Technology Institute - Orlando, FL SEC545.1: Cloud Security Foundations, SEC545.2: Core Security Controls for Cloud Computing, SEC545.3: Cloud Security Architecture and Design, SEC545.4: Cloud Security - Offense and Defense, SEC545.5: Cloud Security Automation and Orchestration. |

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| 09/2017 | Certificate of Completion: Advanced Security Essentials - Enterprise Defense The SANS Technology Institute - Virginia Beach, VA SANS Institute - Virginia Beach, Virginia SEC501.1: Defensive Network Infrastructure, SEC501.2: Packet Analysis, SEC501.3: Pentest, SEC501.4: First Responder, SEC501.5: Malware, SEC501.6: Data Loss Prevention. |

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