

MOSES OLADEJI
AWS Cloud Solutions Architect

SUMMARY:

- Team-oriented **AWS Cloud Solutions Architect**, with hands-on cloud engineering skillset and around **8 years of experience** working as a cloud Solutions architect for **clients, managing server infrastructures, Information Security, Risk Management, Compliance and implementation/Migration and data center operations.**
- Implemented upgradable, scalable, Hyper-converged infrastructure and micro-services across multiple platforms (**Linux, Windows, and AWS**).
- Experience in creating, debugging, diagnosing and troubleshooting, build scripts written in **ANT, Maven** on **Linux platform.**
- Experienced with **IAM** in creating and managing **AWS** users and groups and use permissions to allow and deny their access to **AWS resources.**
- Hands on experience with build tools like **Jenkins, TeamCity, Sonar, Maven,** and **ANT.**
- Worked on **Agile Scrum Team** and attended daily **scrum meetings.**
- Capable of handling multiple tasks and work efficiently both in a group and as an individual to meet deadlines.
- Hands on experience in configuring and maintaining web servers like **Apache Tomcat**, and Application servers like **WebLogic, WebSphere** and **JBoss.**
- Executed the planning of product software releases.
- Experience in deploying services including **Jenkins** and **Nexus** on **Docker** using **Terraform.**
- Also worked on **AWS developer tools** like **Code Commit, Code Build, Code Deploy, Code Pipeline.** Setting up **CI/CD Pipelines** via **Jenkins integration.**
- Experience in using web servers like **Apache HTTP** and Tomcat, Nginx, IIS and application servers like **IBM Web sphere, Oracle WebLogic** and **JBOSS** for deployment.

TECHNICAL SKILLS:

Database Querying Languages	PostgreSQL, MySQL, SQL server, NOSQL/DynamoDB
Container Platforms	ECS, Docker, Containers, Elastic Beanstalk
Amazon Web Services	EC2, EBS, S3, IAM, AMI, VPC, VPCPeering, NACL, Security Groups, Route53, Auto Scaling, ELB, SNS, Cloud Watch and CloudFormation
Others	Firewalls & Log Analysis, SIEM, Office365, Multisim Electronic Workbench

CERTIFICATIONS:

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect Associate
- ITILV4
- Microsoft Azure Architect Technologies AZ-300
- Microsoft Azure Architect Design AZ-301,
- Scrum Master Certified

EDUCATIONAL DETAILS:

- Certificate of Completion: Cloud Security Architecture and Operations, The SANS Technology Institute - Orlando, FL.
- Bachelor of Science: Electronics and Solid-State Physics, Federal University of Technology Akure, Overseas.

PROFESSIONAL EXPERIENCE:

Client: AllState, Deerfield, IL

April 2017 – TillDate

Role: Cloud Engineer

Responsibilities:

- Led multiple teams in the development of architectural designs and implementation patterns for cloud-hosted applications and services that are scalable, resilient and secure.
- Identified and recommended improvements to organizational plans, processes, procedures, and other aspects of the program.
- Researched and maintain knowledge of latest technologies and provide guidance to management for strategic planning purposes.
- Provided expertise in analyzing, troubleshooting, remediating, and resolving issues.
- Created **VPC** from **scratch**, **IGW**, **NATGW**, **Elastic IP**, **Route Table** to compliment the default route table that was automatically provisioned by default when the **VPC** was created.
- Created S3 Buckets and migrated customer data.
- Facilitated and worked with collaborators to analyze and translate business and technical requirements into architectural designs that can be leveraged for implementation efforts.
- Mentored security engineers and specialists in planning efforts, developed work breakdown structures, and help estimate project budgets.
- Provided consultation, and training to staff on cloud security architecture, risk mitigation tactics, frameworks, patterns, software coding, and Internet/intranet technologies.
- Designed and developed security architectures for cloud and cloud/hybrid-based systems to allow them to be met with a minimal degree of risk to our organization and with appropriate security controls present.
- Developed, implemented, and/or maintained a holistic view of multiple security control frameworks in cloud application implementations for business workloads and processes and establish strategic direction for security.
- Built and integrated security into development pipelines and implement cloud-based security controls to reduce risks.
- Demonstrated firm understanding of the offerings within **Amazon Web Services (AWS)** and similar cloud platforms.
- Made recommendations on toolset modifications and improvements, improvements on development processes and production cloud security support.
- Evangelized cloud security program fundamentals, tools, processes Performed scans via the **Vulnerability Management Platform** (scheduled and ad-hoc).
- Worked with the business, **DevOps** and systems teams to identify the right architecture for implementing new solutions, products and modules.
- Developed, implement and maintain product security strategy for the entire product portfolio covering IoT and, Smart-device suites.
- Conducted complete lifecycle security architecture and technical assessments for a wide range of products, including embedded devices, enterprise software solutions, and mobile apps.
- Engaged in application and domain-specific threat modeling and attack surface analysis and reduction.
- Provided guidance and leadership on best practices regarding security in software and firmware development.
- Contributed to the development and evolution of the application and infrastructure security reference architecture.
- Developed, implement and maintain the security architecture for **AllState product portfolio**.
- Championed the AllState security **SDLC**, including security testing, penetration testing, and identifying and fixing vulnerabilities in software and applications on all Allstate products.
- Implemented and manage the implementation of common application security controls.
- Assisted other developers in remediating vulnerability findings by providing line-by-line guidance.
- Provided training and education to developers on software security best practices.

- Led the migration from private cloud to public cloud and SaaS, PaaS, and IaaS environments.
- Transformed the existing best in class Intel, detection, and automation capabilities to be public cloud enabled.
- Played a central role in the selection of cloud technologies, develops transformation, and security policies within the business and IT.
- Performed threat hunting for malicious network activity using an analytic platform like **Splunk** and **QRadar**.
- Monitored security related websites, forums, and mailing lists to know the latest imminent threats, latest **CVEs**, and patchup dates.
- Assisted with security policy reviews, configuration standards, and 3rd-party audits.
- Performed initial investigation and triage for potential security incidents.
- Delivered accurate & prioritized analysis on cyberactivity/threats.
- Worked with engineering team to identify and implement the most optimal cloud-based solutions for the company.
- Planned, designed, and developed cloud-based applications.
- Managed cloud environments in accordance with company security guidelines and policies.
- Installed, deployed **Red Hat Enterprise Linux 6.x/7.x**, **CentOS** and installation of packages and patches for **Red Hat Linux Servers**.
- Assisted with establishing and applying appropriate branching, labeling/naming conventions using **GIT source control**.
- Implemented **Aws RDS** for **SQL Server** for storing the data related to the recruitment and extensively worked on queries and stored procedures.
- Managed **GIT** and **Subversion (SVN)** branching and merging for older projects in multiple simultaneous releases, Involved in the migration of code from **Subversion (SVN)** to **GIT**.
- Migrated complex, multi-tier applications on **Cloud Platforms**.
- Bridged the gap between technical and non-technical teams.
- Determined the best solution among all possible to solve the existing business problems.
- Led the architecture and strategy process, defining requirements, phases, and creating designs during the project.
- Provided strong technical oversight and act as **SME** during the delivery phase.
- Provided mentorship and leadership to other team members.
- Drove process improvement, delivery efficiency, and project profitability.

Environment: Windows, Linux, Autoscaling, Route53, DNS, AWS (EC2, S3, VPC, ELB, RDS, EBS, Cloud Formation, Cloud watch, Cloud trail, Route 53, AMI, SQS, SNS, Lambda, CLI, CDN)

XPO Logistics, Council Bluffs, IA

Sep 2015 – Mar 2017

Role: AWS Solutions Architect

Responsibilities:

- Helped architect scalable, highly available application solutions that leverage **AWS services**.
- Architected and developed company applications to be cloud optimized.
- Worked as a technical leader alongside customer business, development and infrastructure teams for optimized results.
- Provided deep software development knowledge with respect to cloud architecture, design patterns and programming.
- Advised and implemented **AWS best practices**.
- Worked as both an infrastructure and application development specialist.
- **Agile software development** and **DevOps** experience.
- Implemented **DevOps** practices such as infrastructure as code, continuous integration and automated deployment.
- Traveled to client locations to deliver professional services as needed.
- Built a trusted advisory relationship with strategic accounts and engage with **Architects, VP engineering, CTO** and **CIO**, and identify customer priorities, technical objections, and design

strategies encompassing the entire **AWS Cloud** ecosystem to deliver business value and resolve blockers.

- Provided domain expertise around public cloud and enterprise technology, and effectively promote **AWS Cloud** with customers and at internal meetings.
- Made recommendations on integration strategies, enterprise architectures, platforms, and application infrastructure required to successfully implement a complete solution providing best practice advice to customers to optimize **AWS Cloud effectiveness**.
- Managed the holistic enterprise architecture relationship with customers by collaborating with specialists, product management, engineering, and more.
- Traveled to customer sites, conferences, and other related events up to 50%.
- Analyzed new solution requests, solicit and clarify non-functional requirements, and formulate conceptual and physical architectures, to rapidly deliver infrastructure solutions in a fast-paced, multi-vendor, cloud-first environment.
- Led deployment of projects, creation of design collateral, and mentoring other team members.
- Consulted and advised the development team on cloud infrastructure and cloud development best practices.
- Collaborated with **DevOps engineers** to design and build automation solutions.
- Interfaced with other **cross functional domain architects** and **engineers**.
- Used own subject matter expertise and appropriate stakeholders to evolve infrastructure standards that improve time to market, economics, and brand protection for global technology solutions.
- Supported **Enterprise Architecture activities** by driving service roadmaps, strategic planning, and optimization in AWS, and taking a lead role in setting organizational standards for the optimal use of technologies.

Environment: Cloud, AWS (EC2, S3, VPC, ELB, RDS, EBS, Cloud Formation, Cloud watch, Cloud trail, Route 53, AMI, SQS, SNS, Lambda, CLI, CDN), Github, Jenkins

PeaceGlobal TeleCommunications Ltd Lagos, Nigeria

July 2014 – May 2015

Role: VSat / Telecomms Engineer

Responsibilities:

- Assembled, installed, troubleshoot, tested, commissioned and maintained fixed and stabilized satellite systems and equipment, including: iDirect, Comtech and Via sat VSAT systems. Seatel stabilized antennas and Radomes, Auto/Quick Deploy Units.
- Aided Field personnel during the installation, commissioning and maintenance of fixed and stabilized satellite systems.
- Provided technical support and supervision of Field personnel and contractors, including on the job training where appropriate.

- Assisted with the problem solving of technical issues within the company.
 - Troubleshoot telephones, internet problems for customers.
 - Traveled to customers sites overseas, onshore and offshore, often at short notice.
 - Complied with all safety requirements implemented by employer, customers, facility owners or vendors involved in assigned tasks.
 - Completed all required paperwork accurately, legibly and obtain proper approvals from job site location management.
 - Communicated job progress to Expedition Communications Project Managers and Coordinators and Customer Technical Services.
 - Exceptional interpersonal skills and ability to interact within all levels of an organization.
 - Ability to work to meet both customer and company demands within a short time frame.
 - Interacted with internal and external personnel in a professional and ethical manner.
 - Trained staff in the use of software applications, and coordinated IT setup for career fairs, events, and presentations within the company.
 - Interacted with Project team to analyze business requirements and improve existing applications.
- Environment:** Citrix, Multism Electronic workbench, Dropbox, Windows Os, Office365.

Renmoney, Lagos, Nigeria

Jan 2013 – June 2014

Role: AWS Jr DevOps Engineer

Responsibilities:

- Configured **SNS, SQS, RDS, DynamoDB, S3, IAM, Cloud Front and ELB** to setup environment ready for cloudification.
- Configuring of **VPC** and **Route 53** DNS with networking of subnets containing servers.
- Created and Configured **Red Hat, Ubuntu, CentOS, Solaris** Virtual Machines in AWS using **EC2, ElasticIP, VPC, Subnets, Route Tables, NAT Gateway**
- Creating alarms in **CloudWatch** service for monitoring the server's **performance, CPU Utilization, disk usage** etc.
- Used **AWS lambda** to run servers without managing them and to trigger to run code by **S3** and **SNS**.
- Defined **AWS Security Groups** which acted as virtual firewalls that controlled the traffic allowed to reach one or more **AWS EC2** instances.
- Used **GIT** for source code version control and integrated with Jenkins for **CI/CD** pipeline, code quality tracking and user management with build tools Maven.
- Performed Continuous Integrated delivery (CI and CD process) using **Jenkins**.
- Created and maintained **Puppet** Modules to manage configurations and automate installation process. Deployed Puppet and Puppet DB for configuration management to existing infrastructure.
- Implemented **Chef Knife** and **Cookbooks** for Deployment on internal Data Centre Servers. Also re-used and modified same **Chef Recipes** to create a Deployment directly into EC2 instances.
- Configured Cloud Watch and Nagios to monitor real-time granular metrics of all the AWS Services and configured individual dashboards for each resource Agents

Environment: AWS, Git, GitHub, Jenkins, Puppet, Cloud Watch, UNIX, EC2, S3, RDS, ELB, EBS, Cloud Formation, Puppet, Maven.

IpNX Nigeria Limited, Lagos, Nigeria

July 2012 – Dec 2012

Role: Junior Linux System Administrator

Responsibilities:

- Helped technical site relocation project involving up to 30 servers successfully completing project in a single weekend.
- Installed, configured, and updated Linux machines, with Red Hat, and CentOS
- Provided support on weekends and odd hours to ensure little to no disruption of local and operational systems during scheduled maintenance and outages
- Created a process for system updates to minimize risk of application failures.
- Educated users on basic company protocols .
- Helped increase storage space; analyze and match workloads to a cost effective solution
- Collaborated with the Cyber Security team to bring about a quick standardized process for remediating vulnerabilities and discrepancies discovered on our production servers
- Significantly increased storage space; analyzed and matched workloads to a cost effective solution
- Configured apache to run on local machines for different Dev teams so they can test their code in a virtualized environment
- Created cron jobs that monitored and reported system and security issues
- Managed, monitored and tested individual and group user access privileges and security
- Analyzed audit data so the business can stay in compliance with different regulatory bodies

Reference: Available on request