**ABBEY DAUDA**

  ♦ (240)-470-6852 ♦ abbeydauda20@gmail.com

Professional Summary

I am team-oriented professional with over 5 years of experience as a Cloud Solutions Architect working with multiple teams across industries, managing server infrastructure, monitoring cloud applications, implementing upgradable, highly available and scalable infrastructure on AWS platform, and advising clients on exploring relevant cloud services and technology to bring about improved business performance and operational efficiency.

Skills

|  |  |
| --- | --- |
| * AWS Cloud Computing Services Suite (EC2, ELB, RDS, S3, CloudWatch, CloudTrail, SNS, SQS, IAM, DynamoDB, CloudFront, KMS, Config, Trusted Advisor, WAF, Shield, Lambda) * AWS Organization and Implementation of Service Control Policy * Cloud Architecture Design * Technical Documentation * Cloud Implementation * Cloud Architecture improvements and cost optimization. | * Cloud Network architecture design (VPC, Peering Connection, VPN, Transit Gateway, Endpoint) * Infrastructure as Code, (CloudFormation, Terraform, Git-bash, GitHub) * Application Discovery Service, MGN, CART, MRA * Cloud Security * Well Architected Cloud Framework * Agile, Scrum, SDLC, Functional and Non-functional Requirements, Jira, Confluence, UML, BPML, Visio. * System Design, System Architecture, Terraform Cloud |

Work History

**Cloud Solutions Architect** August 2020 – Present

**American Communications Solutions**

* Participate in architectural discussions with customers when building new and migrating existing applications on AWS cloud platform.
* Provision AWS resources using management console as well as Command Line Interface
* Provision cloud networking architectures in a DevTest environment, utilizing Virtual Networks, VPN, Direct Connect, Subnets, Network Security Groups, Load Balancers.
* Optimizing cost through reserved instances, savings plan, selection and changing of EC2 instance types based on resource need, S3 storage classes and S3 lifecycle policies, leveraging Auto Scaling
* Configure NACL, Security Groups and WAF to secure the application and VPC network depending on access parameters provided and conditions.
* Designing for high availability and business continuity using self-healing-based architectures, fail-over routing policies, multi-AZ deployment of EC2 instances, ELB health checks, Autoscaling and other disaster recovery models.
* Implementing DevOps practices such as infrastructure as code, continuous integration, and automated deployment
* Implementing security best practices in AWS including multi-factor authentication, access key rotation, role-based permissions, enforced strong password policy, configured security groups and NACLs, S3 bucket policies and ACLs.
* Setup and configure VPC PrivateLink (Endpoints), Direct Connect, Transit VPC, VPC Peering, Reverse Proxy Caching, CDN, IPsec and VPN for secure data transfer, and secured connection to other AWS services and other AWS accounts.
* Automate provisioning of cloud infrastructure using CloudFormation, Terraform, and application configuration and deployment using Terraform.
* Leverage AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable, and flexible systems that handle expected and unexpected load bursts.
* Create and manage IAM user accounts and role-based policies for access to AWS services.
* Deploying AWS Config, Guard Duty, Cloud Trail, Cloud Watch, and Security Hub, AWS Cognito, AWS IAM policy generation
* Creation and implantation of service control policies (SCP) for securing a multi-account environment.
* Managed access permission to AWS accounts in AWS SSO
* Perform S3 buckets creation, access policies, and archive outdated data to Glacier through Lifecycle Policy configuration.
* Launching databases via RDS to support web application functionality.
* Create low latency website using S3, CloudFront, and Route53
* Install Apache Web Server on EC2, (proxy server as needed)
* Defining and deploying monitoring metrics, and logging systems on AWS environment. Application and system log analysis using CloudWatch, CloudTrail
* Proactively monitored resources and applications using AWS CloudWatch including creating alarms to monitor metrics for services like EBS, EC2, ELB, RDS, S3
* Design, develop and implement high availability, backup and recovery strategy for applications and database.
* Ensuring security best practices are used and applied throughout the implementation lifecycle.
* Automate provisioning of cloud infrastructure using CloudFormation, terraform; and application configuration and deployment using Terraform and Ansible
* Use Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploy critical applications, and proactively manage the changes.
* Collaborate with team in automation tasks using DevOps tools like Github, Ansible, Jenkins, Terraform and so on.

**Cloud Architect** May 2017 – August 2020

**Conedge Group**

* Configuring cloud network gateways, virtual networks, and security segmentation technologies in a production environment
* Deploying AWS Config, Guard Duty, Cloud Trail, Cloud Watch, and Security Hub, AWS Cognito, AWS IAM policy generation
* Provisioning and managing various AWS services such as EC2, AMI, S3 (and S3 bucket policy), CloudWatch, CloudTrail, Event and Messaging: SNS, SQS, CloudWatch Events, ALB/NLB, Route53, API Gateway, CloudFront
* Architecting and configuring Dev/Stage/QA environments in AWS (VPC, subnets, security groups, EC2 instances, load balancer, RDS, route53.
* Configured CloudWatch alarm rules for operational and performance metrics for AWS resources and applications.
* Experience with building, delivering, and managing hybrid Cloud IaaS environments in AWS cloud platform.
* Ensure compliance with the company’s policies and procedures during design, development, and implementation.
* Responsible for Installation of applications on AWS cloud and implemented AWS solutions using S3, EC2, RDS, EBS, Elastic Load Balancer, Auto-scaling groups.
* Automation of cloud infrastructure configuration and deployment using CloudFormation and Ansible.
* Developed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT, EC2 instances, ELB, Security Groups
* Designing and deployment of public and hybrid cloud solutions for customers using appropriate services based on requirements.
* Defining and monitoring metrics, and logging systems on AWS
* Identifying appropriate use of AWS and deployment, and operational best practices.
* ELB, Auto scaling, SQS, SNS, IAM, DynamoDB, CloudFront, CloudFormation, ECS, CloudWatch, CloudTrail, Storage Gateway, internet Gateway, NAT Gateway
* Assisted in facilitating architecture workshops and provided architectural direction in areas such as configuration, user experience, extensions, data migration, application integration, quality assurance, change management, instance, and environment provisioning.
* Participate in all phases of Agile Methodology Systems Development Lifecycle and Software Testing Life Cycle (STLC) methodologies.

Education

**AWS Solutions Architect Associate**

**CSM: International Scrum Institute**

**Google IT Support: Merit America/Coursera**

**Bachelor of Science**: **Economics**: **OAU Ile-Ife, Nigeria.**