**Abbey Dauda**

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Summary

Resourceful Cloud/DevOps Engineer, experienced in evaluating and assessing client requirements and implementing infrastructure to solve identified problems. Harnessing code and cloud-native technologies to create scalable and user-centric systems. Strong negotiator with excellent value-driven solutions.

Experience

**Cloud Engineer**, 08/2020 - Current

**Enterprise Holdings**

* Hands-On experience in provisioning and automating AWS services like VPC, Internet Gateways, Route Table, Security Groups, EC2, NACL, ELB, ASG, S3, RDS, Transit Gateway, VPC Peering, CloudTrail, Route53 using Terraform.
* Implemented and maintained a highly available, highly scalable and fault tolerant multi-tier AWS environment using Terraform.
* Achieved cost optimization through implementation of Reserve instances, Spot instances Savings Plans with over 35% reduction in EC2 cost and substantial reduction in server response time during Peak hours.
* Implemented Data Lifecycle Management, Automation of storage, backup, and retention policy for S3 leading to over 30% reduction in storage cost.
* Configured NACL, Security Groups and WAF to secure 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 strategies.
* Increased infrastructure efficiency by over 30% through development and implementation of infrastructure as code templates and modules and use metrics to monitor application and infrastructure performance.
* Partner with infrastructure teams on evaluation and feasibility assessments of new systems and technologies.
* Participate in system development life cycle from requirements analysis through system implementation.
* Hands-on experience using Containerized technologies like Kubernetes, Docker in implementing a fully automated CICD framework for Agile projects.
* Hands-on experience using Ansible for configuration management and ArgoCD for application deployment.

**Cloud Solutions Architect**, 05/2019 - 08/2020

**American Communications Solutions**

* Proficient in using security services such as Security-Hub, GuardDuty, WAF, AWS Shield for threat detection, mitigation, and resolution.
* Improved product architecture to maintain application downtime rate below 0.01%
* Developed and executed disaster recovery strategy based on company's RPO & RTO
* Automated provisioning of AWS components like EC2 instances, security groups, RDS, IAM using AWS CloudFormation & Terraform
* Configured network architecture on AWS with VPC, Subnets, Internet Gateway, NAT, Route Table, VPC Peering, Transit Gateway, ELB
* Created and implemented service control policies (SCP) for securing a multi-account environment.
* Performed S3 bucket creation, access policy configuration, and data archiving to Glacier through Lifecycle Policy configuration.
* Analyzed application and system logs using CloudWatch, CloudTrail
* Designed, developed, and implemented high availability, backup, and recovery strategy for applications and databases.
* Improve uptime by 20% through implementation of robust monitoring and logging solutions.
* Ensured security best practices were used and applied throughout the implementation lifecycle.
* Utilized Ansible and Ansible Tower as configuration management tools to automate repetitive tasks, deploy applications quickly, and manage changes proactively.

**Cloud Engineer**, 05/2018 - 05/2019

**BegoConsult**

* Configured and managed AWS S3 buckets, including the setup of Lifecycle policies to efficiently back-up and retrieve files in Amazon Glacier for long-term data retention.
* Automated infrastructure deployments using Terraform and CloudFormation to ensure a streamlined and consistent provisioning of resources.
* Conducted Migration Readiness Analysis (MRA) using Cloud Adoption Readiness Tool (CART)
* Proficiency in software development methodologies and Agile/Scrum practices, facilitating the seamless implementation of application in cloud environments.
* Monitored and optimized the performance of cloud infrastructure using AWS CloudWatch, proactively identifying, and resolving issues with a remarkable 50% reduction in downtime.
* Designed and implemented robust disaster recovery plans for critical applications, leveraging cloud-based solutions such as S3 CRR, Multi-AZ deployment strategy, Auto-scaling and Load Balancing for high availability, fault-tolerance, and resilient workload.

Education

**Bachelor of Science**: Economics, 2007

**OAU** - Ile-Ife, Nigeria.

Highlights

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| * Database Migration Service, Schema Conversion Tool, Application Migration Service, Auto Scaling Groups, Load Balancers, EC2, EFS, EBS, S3, IAM, VPC, RDS, Cloud Watch, Cloud Trail, DynamoDB, Lambda, Route53, Elastic cache, AWS Config, CloudFormation, Terraform, Docker, Kubernetes * Jenkins, Ansible, Git/Gitlab, UML, BPML, Visio, ArgoCD, Linux | * Application and Server Monitoring * Business Continuity/Disaster Recovery * Configuration management * JIRA/Confluence * CICD, * Requirements Analysis/Solution Implementation * System Architecture Design/improvement |

Certifications

* AWS Solutions Architect Associate
* Certified Scrum Master CSM
* Google IT Support