**ABBEY DAUDA**A long, thin rectangle to divide sections of the document

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# **AWS CLOUD ENGINEER**

# Infrastructure | Automation | Security | Networking

Strategic, result driven, and skilled IT professional with 5+ years industry experience. Experience in Automation with Terraform & Ansible, using other cloud related services to build, manage, monitor highly available, scalable, fault-tolerant, and resilient infrastructure to help improve business processes.

# **SKILLS**

* AWS Cloud Services: Database Migration Service, Schema Conversion Tool, Application Migration Service, Auto Scaling Groups, Load Balancers, EC2, EFS, EBS, S3, IAM, VPC, RDS, CloudFront, Cloud Watch, Cloud Trail, DynamoDB, Lambda, Route53, Elastic cache, AWS Config, CloudFormation, Terraform, Docker.
* Jenkins, Ansible, Git/Gitlab, Checkov
* Jira, Confluence, UML, BPML, Visio, Linux

# **WORK EXPERIENCE**

**By-light Professional IT Services** 08/2020 - Present

**Cloud Engineer**

* Hands-On experience in provisioning and automating AWS services like VPC, Internet Gateways, Route Table, Security Groups, EC2, NACL, Elastic Load Balancer, Auto Scaling Group, S3, RDS, Transit Gateway, VPC Peering, CloudTrail, Eventbridge, Route53 using Terraform.
* Implemented and maintained a highly available, highly scalable and fault tolerant multi-tier AWS environment spanning multiple availability zones using Terraform.
* Achieved 99% server uptime through effective monitoring and troubleshooting.
* Provisioned AWS resources using management console as well as Command Line Interface.
* 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 the 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 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 strategies.
* Implemented 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.
* Increased infrastructure efficiency by over 30% through the development and implementation of infrastructure as code templates and modules.

**American Communications Solutions** 05/2019 - 08/2021

**Cloud Solutions Architect**

* Proficient in using security services such as SecurityHub, 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.
* Managed access permission to AWS accounts in AWS SSO
* Performed S3 bucket creation, access policy configuration, and data archiving to Glacier through Lifecycle Policy configuration.
* Launching databases via RDS to support web application functionality.
* Defined and deployed monitoring metrics and logging systems on AWS environment. 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 the 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.

**American Communications Solutions** 05/2018 - 05/2019

**Business Analyst**

* Collaborated with business stakeholders and technical teams to gather and document business requirements for IT projects.
* Worked with Product Owner and Team lead to decompose larger user stories into manageable user stories.
* Conducted gap analysis and feasibility studies to identify opportunities for process improvement and automation.
* Worked closely with project managers to develop project plans, monitor progress, and ensure timely completion of deliverables.
* Created and maintained functional specifications, user stories, use cases, and other project documentation.
* Managed backlog, roadmap and priorities and engaged product and business teams to move towards a common vision.
* Developed mock-ups/wireframes, use cases, system requirements specification documents, user guides and other functional documents to support reviews and software release deliveries.
* Identified, tracked, monitored and communicated project-related issues, scope changes, variances and contingencies that may arise during project implementation.
* Identified acceptances criteria and assisted in testing as needed.
* Ensured that deliverables meet functional and design specifications.
* Facilitated stakeholders’ management and conflict resolution as and when needed.
* Facilitated meeting on application enhancement with stakeholders.
* Worked with development teams to ensure that solutions met business requirements and were delivered on time and within budget.
* Utilized Agile methodologies to manage projects and ensure that all stakeholders were informed and engaged throughout the project lifecycle.

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# **EDUCATION/ CERTIFICATIONS**

AWS Solutions Architect Associate

CSM: International Scrum Institute

Google IT Support: Merit America/Coursera

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