**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. Experience securing environments using tools such as WAF, Security Groups, and NACLs. Control access in the environment using Service Control Policies and IAM policies. Migrated databases from oracle on-prem to AWS RDS for PostgreSQL. Experience in Oracle Database Administration and database design using PL/SQL.

# **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
* Jenkins, Ansible, Selenium, Git/Gitlab, Checkov
* Jira, Confluence, UML, BPML, Visio

# **WORK EXPERIENCE**

**American Communications Solutions** 08/2020 - Present

**AWS 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, CloudWatch, CloudTrail, Eventbridge, Route53 using Terraform.
* Create and maintain a highly available, highly scalable and fault tolerant multi-tier AWS environment spanning across multiple availability zones using Terraform.
* Hands-on experience in creating Terraform modules, variables, and Statefile management.
* Manage configuration of servers using Ansible.
* Participate in architectural discussions with customers when building new and migratiing existing applications on AWS cloud platforms.
* Provision AWS resources using management console as well as Command Line Interface
* Provision cloud networking architecture in different environments, 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 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.
* 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.
* Deploying AWS Config, GuardDuty, CloudTrail, CloudWatch, SecurityHub, WAF

**Conedge Group** 05/2018 - 08/2020

**AWS Cloud Engineer**

* Technical knowledge on security services such as Security Hub, GuardDuty, and WAF.
* Created & Implemented disaster recovery strategy based on the companies RPO & RTO.
* Automated the provisioning of AWS Components like EC2 instances, security groups, RDS, IAM through AWS CloudFormation & Terraform.
* Implemented CI/CD pipeline using Jenkins and Kubernetes for deployment of applications.
* Hands-on Experience in configuration of Network architecture on AWS with VPC, Subnets, Internet Gateway, NAT, Route Table, VPC Peering, Transit Gateway, ELB
* Experience in storage solutions such as S3, EFS, and EBS.
* Implemented cost-control strategies to ensure maximum cost optimization.
* 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
* 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.

**Conedge Group** 05/2017 - 05/2018

**Cloud Business Analyst**

* Performed, elicited, analyzed, and documented requirements in support of system, business, stakeholder, and user requirements for retail clients.
* Worked with (Product Owner/Manager) owners and Team Lead to decompose large epics into manageable user stories for e-commerce projects.
* Developed mock-ups/wireframes, use cases, system requirements specification documents, user guides, and other functional documents to support reviews and software release deliveries.
* Managed backlog, roadmap and priorities and engaged product and business teams to move towards a common vision.
* Identified, tracked, monitored, and communicated project-related issues, scope changes, variances and contingencies that may arise during the implementation of projects.
* Identified acceptance criteria and assisted in testing as needed.
* Trained and mentored team members and stakeholders on the business functions and features of the system as needed to support delivering the best solutions to meet user needs.
* Ensured that deliverables meet functional and design specifications and requirements.
* Elicited, captured, validated, and analyzed the business process/requirements of stakeholders in assigned lines-of-business for mostly e-commerce/retail clients.
* Facilitated meetings on application enhancement with retail clients.
* Engaged retail clients in documenting and taking notes on change requests for new features and functionalities.
* Handled stakeholders Management and facilitate conflict resolutions as and when needed.

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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.