Anthonia Owobamirin-Fields

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| |  | | --- | |  |   AWS Certified Solution Architect- Professional  AWS Certified Solution Architect- Associate  University of Ilorin  B.Sc Human Physiology | |

OBJECTIVES

Skilled DevOps Cloud Computing Engineer has exceptional development ability and extensive knowledge of Cloud Computing Technology. Has excellent analytical and problem-solving skills and a strong ability to work with minimal supervision.

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| SKILLS |

* AWS CLI
* AWS solution architect
* DevOps background
* GiThub
* Python
* Expertise with IPsec, VPN, Load Balancing, MTR, Routing Protocols, SSH, Network Monitoring / Troubleshooting tools
* AWS codepipeline, code commit, code build, code deploy
* Jenkins
* Scripting knowledge (PowerShell, Perl, shell, YAML, JSON etc.)
* Ansible
* Cloudformation /Terraform
* Splunk
* Docker Container Management
* Kubernetes

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| WORK EXPERIENCE |

**Wells Fargo**

**AWS Cloud Devops Engineer March 2019 – Present**

* Deployed a secured, multi-account AWS environment using AWS landing zone solution.
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack Monitoring using Ansible playbooks using CI tool like run desk and Jenkins
* Build expertise in Workflow for Amazon Web services like EC2, S3, ELB, EBS, VPC, Security Groups, IAM, and DevOps tools like Docker, Git, GitHub, Jenkins, Ansible.
* Implementing DevOps practices such as infrastructure as code, continuous integration and automated deployment
* Used Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manage the changes.
* Automated backing custom AWS AMI with Packer, Jenkins and Anisble
* Build expertise in Workflow for Amazon Web services like EC2, S3, ELB, EBS, VPC, Security Groups, IAM, and DevOps tools like Docker, Git, GitHub, Jenkins, Ansible.
* Extensively working on AWS Cloud services like EC2, VPC, IAM, RDS,EBS, ELB, EMR, ECS, Auto-Scaling, S3, Cloud Front, ACM (Amazon Certificate Manager), Glacier, Elastic Beanstalk, Lambda, Elastic Cache, Route53, Ops Works, Lamp stack, Cloud Watch, Cloud Trail, Cloud Formation, Redshift, Dynamo DB, SNS, SQS, SES, Kinesis Firehose, Lambda, Cognito IAM,SNTP(SES), AWS Config, Guard Duty.
* Created indexes and alert on Splunk to view Data from the cloud
* Create custom resources for process automation using lambda functions.
* Create roles and policies following the principle of least privilege.
* Defining and deploying monitoring metrics and logging systems on AWS environment application and system log analysis using, Kibana.
* Defining and deploying monitoring metrics and logging systems on AWS environment application and system log analysis using, Data Dog, Logic Monitor
* Implementing DevOps practices such as infrastructure as code, continuous integration and automated deployment using AWS devops tools like codepipeline,codecommit, codedeploy and codebuild.
* Experience in all phases of Agile Methodology (Systems Development Lifecycle) and software Testing Life Cycle (STLC) methodologies
* Designed and developed infrastructure using cloud formation and automated end-to-end transit hub connectivity resource deployment.
* Creation and implantation of service control policies (SCP) for securing a multi-account environment.
* Creation of AWS organization for central governance of a growing and scalable environment.
* Scripting with Shell, SQL, JSON, YAML, XML, Linux script.
* Provision AWS resources using management console as well as Command Line Interface.
* Plan, build and configure network infrastructure within VPC with public and private subnets, configure routing tables, security group and internet gateway.
* Configuring NACL, Security Groups and WAF to secure the application and VPC network depending on access parameters provided and conditions.
* 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 and Ansible.
* CI/CD pipeline management through Jenkins. Version control through GIT.
* Testing and deployment automation with Docker containerization and Jenkins. Automation of manual tasks using Shell scripting.
* Using Docker in Environment variables, Configuration files, Option types and Strings & integers.
* Leverage AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.
* Create and manage role-based policies for access to AWS services.
* Implement and maintain monitors, alarms, and notifications for EC2 instances using CloudWatch and SNS.
* 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 and Nginx Web Server on EC2, (proxy server as needed).
* Create and manage users, permissions, directories and files in Linux environment.
* Set up Ansible environment for configuration management, Dynamo DB, Elastic cache and Lambda.
* Implementation of compliance with CIS Benchmark on AWS environment.
* Enforcing company’s policies and procedures during design and implementation.
* Design, develop and implement high availability; backup and recovery strategy for applications and database.
* Hands-on experience and good knowledge of AWS services: EC2, S3, VPC Endpoints, VPC PrivateLink, VPC Peering, Transit VPC, Network Protocol, Subnetting (Private and Public), IPsec, VPN, Route53, ELB, Auto scaling, SQS, SNS, IAM, DynamoDB, Lambda, Amazon Kinesis, Cloud Front, Cloud Formation, CloudWatch, CloudTrail, Storage Gateway, internet Gateway.
* Automated deployment of IDP metadata file across multi-accounts for federated access.

**Thanos Consulting Feb 2017- March 2019**

**Devops Engineer**

* Provision AWS resources using management console as well as Command Line Interface.
* Plan, build and configure network infrastructure within VPC with public and private subnets, configure routing tables, security group and internet gateway.
* Configuring NACL, Security Groups and WAF to secure the application and VPC network depending on access parameters provided and conditions
* Delivered architecture designs and solutions for public, private and hybrid clouds covering the cloud architecture tiers and portfolios of cloud services
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack Monitoring using Ansible playbooks using CI tool like run desk and Jenkins
* 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 and Ansible.
* CI/CD pipeline management through Jenkins. Version control through GIT.
* Testing and deployment automation with Docker containerization and Jenkins. Automation of manual tasks using Shell scripting.
* Using Docker in Environment variables, Configuration files, Option types and Strings & integers.
* Leverage AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.
* Create and manage IAM user accounts and role-based policies for access to AWS services.
* Implement and maintain monitors, alarms, and notifications for EC2 instances using CloudWatch and SNS.
* Responsible for Installation of applications on AWS cloud and implemented AWS solutions using S3, EC2, RDS, EBS, Elastic Load Balancer, Auto-scaling groups.
* Perform S3 buckets creation, access policies, and archive outdated data to Glacier through lifecycle policy configurations.
* Create low latency website using S3, CloudFront, and Route53.
* Implementation of compliance with CIS Benchmark on AWS environment.
* Enforcing company’s policies and procedures during design and implementation.
* Design, develop and implement high availability; backup and recovery strategy for applications and database.
* Hands-on experience and good knowledge of AWS services: EC2, S3, VPC Endpoints, VPC PrivateLink, VPC Peering, Transit VPC, Network Protocol, Subnetting (Private and Public), IPsec, VPN, Route53, ELB, Auto scaling, SQS, SNS, IAM, DynamoDB, Lambda, Amazon Kinesis, Cloud Front, Cloud Formation, CloudWatch, CloudTrail, Storage Gateway, internet Gateway.

**Alpha GRC Nov 2015 –Feb 2017**

**Cloud automation Engineer**

* Supporting software development and data management projects that prepare large datasets for delivery to a shared cloud computing and storage environment.
* In - depth understanding of the principles and best practices of Infrastructure as a code using the Cloud Formation templates, Software Configuration Management (SCM) processes, which include Docker containers packaging, compiling, packaging, deploying and Application configurations.
* Provide strategies and requirements for the seamless migration of applications, web services, and data from local and server-based systems to the AWS cloud.
* Designing and deployment of public and hybrid cloud solutions for customers using appropriate services based on requirements.
* Provide strategies and requirements for the seamless migration of applications, web services, and data from local and server-based systems to the AWS cloud.
* The complete installation and hosting were automated with AWS cloud formation.
* Execution of daily builds and releases using automated python scripts.
* Architect, implement and manage cloud security solutions, agents, scanners and logging systems.
* Using Docker in Environment variables, Configuration files, Option types and Strings & integers.
* Developed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT, EC2 instances, ELB, Security Groups.
* Evaluating and improving existing AWS deployments.
* Scripting with Shell, SQL, JSON, YAML, Linux script.
* AWS and Open stack to provision new machines for clients. S3 Storage Services on AWS.
* Defining and deploying monitoring metrics, and logging systems on AWS.
* Hands-on experience and good knowledge of AWS services: EC2, EBS, S3, RDS, VPC, VPN, Route53, ELB, Auto scaling, SQS, SNS, IAM, DynamoDB, Cloud Front, Cloud Formation, ECS, CloudWatch, CloudTrail, Storage Gateway, internet Gateway, NAT Gateway.

**Jubilee Consultancy May 2012 – November 2015**

**Systems Engineer**

* Work with the architectural lead for the migration of several applications to the cloud.
* Building IPsec VPN connections between VPC and Routers
* Configuring and troubleshooting DNS working with Route 53.
* Deployed and configured Chef Server including bootstrapping of chef client nodes for provisioning. Created roles, recipes, cookbooks and data bags for server configuration.
* Managing Security groups and NACL.
* Utilized Perl and Python for cloud engineering.
* Building Hybrid Cloud Environment
* Configuring AWS workspaces and working with Classic Load Balancing.
* Assist in managing the AWS relationship and AWS interface managing/monitoring the utilized AWS services/resources.
* Proactively develop best practice standards, architectures, and procedures to support the utilization of cloud infrastructure services.
* Deploying, managing, and operating scalable, highly available, secure, and fault tolerant systems on AWS.
* Identifying appropriate use of AWS deployment and operational best practices.