Samuel E, Ehebha

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AWS Solutions Architect | Support Engineer | DevOps Engineer

PERSONAL STATEMENT

I am detailed oriented, result driven, strong team player, self-motivated with good communication skills. An AWS Solutions Engineer/Architect with practical skills in automating CI/CD pipeline using different DevOps cloud computing tools. I have over 10 years' experience with a proven track record of managing business strategy, human resources operational process and IT infrastructures across different industries. Over these years I have gained hands-on experience designing, deploying and managing well-architected, scalable and highly available IT infrastructure through using best practices and agile development methodology to facilitate solution implementation in a medium or large enterprise environment.

SKILLS SUMMARY

- In-depth knowledge on various AWS Services including EC2, VPC, IAM, ECS, Elastic Beanstalk, Lambda, S3, CloudFront, Glacier, RDS, DynamoDB, ElastiiCache, Redshift, Direct Connect, Route 53, Cloudwatch, CloudFormation, CloudTrial, Amazon Elastic Map Reduce (EMR), SNS, SQS, Lambda, API Gateway.
- Hands-on knowledge of Source Code Management (Version Control System) tools like Git
- Proficient in developing Continuous Integration/ Delivery pipelines
- Experience with automation/ integration tools like Jenkins
- Knowledge of major cloud service providers, like AWS, Azure etc.
- Good understanding of Infrastructure as Code (Programmable Infrastructure) and implementation tools like Ansible,
- Terraform, Cloudformation etc.
- Hands-on knowledge of software containerization platforms like Docker and container orchestration tools like Kubernetes
- and Docker Swarm
- Experience working on Linux based infrastructure
- Working understanding of Python, and Java
- Configuration and managing databases such as MySQL, AWS RDS, Aurora, PostgreSQL, MongoDB, DynamoDB, and Snowflake etc
- Excellent troubleshooting skill
- Working knowledge of various tools, open source technologies, and cloud services
- Awareness of critical concepts in DevOps and Agile principles

MY CLOUD EXPERIENCE (IN BRIEF)

- Constantly engages directly and actively with customers to ensure their cloud adoption journey is seamless, secure, reliable and scalable and meet the agreed design blueprints.
- Architect and build highly scalable, secure and resilient cloud native applications using the AWS platform while leveraging on new technology paradigms and tools like containers, serverless, microservices
- Automates provisioning of infrastructure and resources using infrastructure as a code tools like CloudFormation and Terraform;
- Design and configure fully automated CI/CD pipeline using open sourced DevOps tools (viz: Ansible and Jenkins (application configuration, Testing and deployment), GIT (Version control) through; Shell scripting; Terraform (resource deployment) among others.
- Involve in various phases of the migration process, including portfolio discovery, application migration planning and design, migration execution, and post migration validation and application optimization using AWS Athena, MRS, CART, Cloud Endure, TSO Logic.
- Regularly Leverage AWS cloud services such as EC2, auto-scaling and VPC to design and build secure, highly scalable and flexible network architecture that handled customer's dynamic operational loads.
- Set up and Use Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, EBS volumes; to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the deployed resources
- Utilize in-house documentation tools for progressing tickets and gathering approvals for work, and Create handoff deployment guide documents for supporting teams. Regularly document processes, procedures, and systems to enhance consistency in the management of cloud resources in line with extant business requirements and policies.
- Involved in creating Ansible Playbooks and Ansible roles to configure, provision and deploy applications including AWS resources like EC2, VPC, S3, subnets

PROFESSIONAL EXPERIENCE

D&H, Pennsylvania
AWS SUPPORT/DEVOPS ENGINEER, 5/2021 - Present
- Designed, configured and deployed Amazon Web Services (AWS) for applications using AWS offerings /capabilities (EC2, Route53, S3, RDS, Direct Connect, Cloud Formation, Cloud Watch, SQS, IAM) ensuring high availability, fault tolerance, autoscaling, load balancing, scalability.
- Optimized cost through reserved instances, S3 storage classes and S3 lifecycle policies, leveraging Autoscaling policies and lifecycle hooks, etc.
- Deployed and configured AWS infrastructure using CloudFormation, Terraform and Ansible
- Provisioned Elastic Cache, RDS Read-Replicas for webserver to improve performance and availability using CloudFront for content delivery and Edge locations to end users
- Implemented various security policies using NACL, AWS WAF, AWS Shield, security groups, encryption of data in transit and at rest including Auto Scaling to manage DDOS attacks and other security breaches and vulnerabilities
- Used Cloud Watch to set alarms, generate notifications through SNS and remediate with AWS Lambda for potential security lapses in the AWS environment Developed and installed Docker containers
- Automated build and deployment using Jenkins and maven to reduce break time, human error and speed
- Create and maintain fully automated CI/CD pipeline for code deployment using Git, Jenkins, Maven, Ansible, Kubernetes.
- Experience writing Ansible-playbooks to patch multiple Centos/RedHat and Ubuntu/Debian servers monthly, and YAML bash shell script to deploy more than 100+ instances in AWS.
- Responsible for creating Docker images and setting up Docker containers for the development team

NEWCO INVESTMENTS LIMITED, Nigeria
CLOUD SUPPORT ENGINEER, 7/2016 - 9/2018
- Worked with other team members, providing critical network support for various customers
- As technical subject matter expert, evaluating, selecting, and integrating all information security-related projects.
- Administered and provisioned AWS services including compute, network, and storage resources.
- Provided first level contact with AWS client in an efficient and prompt manner to ensure client satisfaction
- Delivered technical briefings and project plans to management.
- Coordinated integration efforts, developed operational procedures, and implemented and supported LANs and WANs with 25,000+ nodes.
- Responsible for the day-to-day support of customers on operation and administration of AWS cloud services such as EC2, Directory Services, FSx, and various others.
- Provide advice and information to customers and colleagues regarding Amazon Web Services and general cloud infrastructure as service offerings and best practices.

IMO HILL FARMS, Osun Nigeria
EXECUTIVE ASSISTANT/PROJECT COORDINATOR, 1/2013 - 5/2016
- Provided consultation to project team members in the areas of network architecture, network integration, capacity planning, and systems engineering.
- Spearheaded the implementation of the multimillion farm automation project involving acquisition of computer aided poultry management equipment, Animal feed production
- Managed activities of contractors and consultants assigned to the projects, reviewed project plans and white papers, defined project scope, and coordinated work statements and contracts.

EDUCATION AND TRAINING
- **Mithun Software Solutions Bangalore India**
  DevOps with AWS Certificate (2020 - 2021)
- **Metropolitan School of Business and Management, UK**
  Abridged MBA (Oct. 2013 -March 2014)
- **IMT Computers (www.IMT Computer.net)**
  Certificate in Information and Communication Technology (Feb 2004 - Sep 2004)
- **University of Agriculture, Abeokuta, Ogun State**
  Bachelor of Agriculture (1991 - 1997)

CERTIFICATION & TRAINING
• Agile Certification Project Management Training; Agile Scrum Issued by Udemy - Oct 2021
• Scrum Fundamentals Certified -(SFC) Issued by SCRUMstudy Accreditation Body for Scrum and Agile - Oct 2021
• **IP Addressing and Subnetting** - Zero to Hero issued by Udemy (Sep 2021)
• **AWS Cloud Practitioner Essentials** Issued by Amazon Web Services (AWS) (May 2021)

• **Google IT Support Professional Specialization**   Issued by Coursera | Google (Mar 2021)

REFERENCES: Available upon request