Ernest Imoisi

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Professional Summary:

- Skilled and Experience with Cloud & monitoring processes, experience in the development of technology stacking with responsibilities that include processing from OS to the front end. Familiar with design, build and deployment of scalable solutions that use sophisticated and complex implementation in an automated fashion and DevOps development in Linux & Windows systems. 17 years Health Cloud experience, extensive experience with declarative software configuration (Epic/Cerner, Veeva, etc.) in Healthcare or Life Sciences. Microservices implementation AWS services.

Core Qualifications:

- 10 years plus of Cloud computing experience.
- Expertise with a broad portfolio of AWS infrastructure resources.
- Preparation and Implementation of proposals for multiple enhancements for solution optimization for Client
- Expertise in deploying Infrastructure as a Code e.g., Terraform, CloudFormation
- Provide feedback and recommendations concerning platform optimization, acceptable development methods, deployment / build methods, product, and tool improvements.
- Preparation and Implementation of proposals for multiple enhancements for solution optimization for Client

Key Skills and Competencies

- AWS services: **EC2, S3, ECR, ECS, AMI, Route53, VPC, Cloud Formation, IAM, CloudWatch, AWS Backup**
- Development and Scripting: **AWS CLI, Python scripting, Yaml, PowerShell, Terraform, HL7**
- Using **AWS Quicksight** to create dashboards with datasets and metrics
- Configuration Management: **Ansible, Chef**
- Build and Provisioning: **Hashicorp Packer, Terraform, Jenkins**
- Version control**: GitHub, Bitbucket**
- Database – **RDS, SQL, PostgreSQL**
- OS - Linux: CoreOS. Windows: 2000 / 2007 /2008/ XP Professional
- Networking: Firewalls, Load balancers, TCP/IP, SSL, HTTP.
- Outstanding customer service skills as well as strong verbal and written communication.

Job Summary:

Lead Identity & Access Management Engineer
Providence Healthcare/ Optum - Jan 2025- Aug 2025

- Design and implement Identity and Access Management (IAM) solutions to support seamless authentication for external customers and internal end users using multiple sign-in methods, ensuring a secure and user-friendly experience.
- Enhance IAM integration with enterprise applications, including customization of user journeys, attribute collection, and verification processes to improve customer self-service and identity management. Configure and manage Single Sign-On (SSO), Multifactor Authentication (MFA), and Identity Federation across multiple platforms like Microsoft Dynamics and Power Pages.
- Implement Role-Based Access Control (RBAC) and Attribute-Based Access Control (ABAC) policies to enforce the least privilege principles.
- Develop and maintain IAM governance frameworks, including writing policies for ensuring compliance with internal and external regulatory requirements.

Senior Cloud Engineer
Deloitte Consulting LLP - November 2019 – Dec 2024

Part of the Infrastructure team to build applications in cloud (AWS).

- EC@FT
- Helped Clients move their workloads from on premise to cloud, architect the solution and implementation.
- Created IAM policies with least privileged for AWS user account.
- Created a login policy to make sure that users enable MFA before certain things could be performed on the account.
- Created policies to force users to tag resources appropriately before they could be created.
- Created an SCP for an Organization account.
- Automated infrastructure builds and application deployment in the cloud.
- Managed workloads from multiple clients, involved in discussion regarding their business needs and drove the projects in the right direction.
- Monitored and analyzed cloud infrastructure usage and cost optimization.

- Documented workflow on how to onboard or decommission an account.
- Created saving cost model for state projects.
- Identified cost saving and optimization measures for ongoing projects.
- Worked with innovative cloud technology.
- Created AWS launch configuration based on customized AMI.
- Implemented Jenkins pipelines to automate build, test, and deployment processes for cloud-based applications, facilitating DevOps culture and enhancing collaboration between development and operations teams.
- Deployed Source code management GIT for version control.
- Integrated AWS Security Hub into our cloud security strategy to consolidate security alerts and automate compliance checks, resulting in a 40% improvement in incident response times and maintaining compliance with industry standards.
- Collaborated closely with engineers to architect, develop and optimize the mobile infrastructure.
- Adopted best practices for architectural solution patterns that addressed customer's current and future needs using cloud-based cost management strategies.
- Utilized Terraform and AWS CloudFormation for infrastructure as code (IaC) to ensure consistent and reproducible environments across multiple AWS projects, leading to a 30% reduction in deployment errors and faster time to market for client applications.
- Utilized Terraform to automate infrastructure provisioning and configuration management.
- Created VPN endpoint for employees to connect to the company's database.
- I wrote a python script using lambda function to delete resources that do not match the required name tag.
- Authored, deployed, managed, maintained, supported, troubleshoot, and optimized a holistic cloud program.
- Created and maintained roadmap of enhancement according to client's decision.
- Developed automation scripts and Lambda functions in Python to manage AWS resources, automate repetitive tasks, and implement serverless architectures, improving operational efficiency and reducing manual intervention by 50%.
- Provided expertise in high availability, contingency planning, and automated solutions.
- Designed and deployed AWS landing zones using Control Tower to standardize multi-account environments.
- Implemented guardrails via Service Control Policies (SCPs) and AWS Config Rules to enforce security and compliance.
- Automated infrastructure provisioning using Terraform modules and GitOps workflows.

Cloud Engineer - Mid
Pitney Bowes - September 2014 – July 2019

Part of the Infrastructure team to build applications in cloud (AWS).

Job duties:

- Developed cloud infrastructure pipeline using Terraform and Chef to streamline provisioning for AWS-Azure multi-cloud environment.
- Provided AWS- expertise in dealing with AWS resources S3, EC2, ECS, Route 53, AMI
- Monitored and tested application performance to identify potential bottlenecks, develop solutions and collaborate with developers on solution implementation.
- Assisted in designing, setup, configuration, and migration of systems to commercial cloud environments.
- Deployed, evaluated, and documented developments, pre-production, and production environments.
- Helped over fifteen customers to architect scalable, highly available solutions that leverage cloud native services from AWS.
- Created backups using N2WS.

Cloud Engineer
Ivy Tech Community College of Indiana -August 2011 – September 2014

Job Duties:

- Worked with innovative cloud technology using Amazon EC2, S3, ECS, EBS, IAM, RDS, Route53, VPC
- Created AWS launch configuration based on customized AMI and used this launch configuration to configure autoscaling groups and created AWS Route 53 to route traffic between different regions.
- Used configuration tool Chef to automate the deployment of EC2 virtual nodes, author cookbooks and creating run list for the node configuration during the node bootstrap process.
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- Led five cloud application architect sessions by evaluating tradeoffs between design, risk, and technology.
- Developed Cookbooks in Chef to manage the infrastructure.
- Deployed Jenkins for CI/CD
- Source code management GIT for version control and source code management
- Implemented technologies like DNS, Load Balancing, SSL, TCP/IP
- Collaborated closely with engineers to architect, develop and optimize the mobile infrastructure.
- Adopted best practices for architectural solution patterns that addressed customer's current and future needs using cloud-based cost management strategies.
- Managed different infrastructure resources using terraform.
- Authored, deployed, managed, maintained, supported, troubleshoot, and optimized a holistic cloud program.

Information Technology Specialist
Tenneco Chicago IL -April 2009 - September 2011

Provided end-to-end support of client infrastructure involving Incident Management, Problem Management and Change management. Ticket reduction activities by process-oriented solution or technical solution and Engineering activities

Job Duties:

- Created support documentation that empowered and enabled users to extend skills, leverage system features and find resolutions to questions without intervention.
- Controlled and managed server room, wireless networks, server infrastructure, audiovisual equipment, laptops, and video conferencing equipment.
- Managed customers' expectation of support and technology functionality in-order to provide positive user experience.
- Consulted effectively with others to promote on-going network design, re-evaluation and optimization that scaled with company growth.
- Coordinating with Vendors like CompuCom, Microsoft and DELL for various Hardware replacements, Application and OS issues.
- Performance Monitoring, Hardware configuration, Device management, Target Video Solutions Windows XP, Vista and Win 7, SCCM
- Understanding the impact due to code change for the given requirement on the system.
- Reviewing the changes in code by team members to check whether it adheres to the standards and guidelines specified by the client.
- Establishing and monitoring the processes for Issue Management, Change Management and Quality Management.

Key Accomplishments

- Delivered a cloud model and containerized application deployment.
- Planned, developed, installed, configured, supported, and optimized cloud infrastructure.
- Created an automation script that reduced time spent on implementing new accounts.
- Reduced risk through the development and implementation of cloud policies — including security and reporting.
- Resolved issues with client facing with AWS Workspaces and WebSphere.
- Problem Management efforts
- Received the Star Team Award from Client for performing as a team towards excellence in service delivery.

Education and Training:

- Bachelor of Arts- College of Staten Island, New York
- Bachelor of Science- Brooklyn College, New York
- Master of Healthcare Administration- University of Phoenix
- PhD- Capella University- In session

Certifications:

- **AWS Certified Cloud Practitioner- Associate**
- **AWS Certified Solution Architect - Associate**
- **AWS Certified Developer - Associate**