

Ayo Oluyinka

Bridgeport, Connecticut

☎ (860) 759-8170 ✉ aydave12@gmail.com 🐙 github.com/aydave12 🔗 linkedin.com/in/ayo-oluyinka
🌐 portfolio-ayo.vercel.app

Summary

Experienced IT Engineer with a strong background in Software, Cloud, Infrastructure, DevOps, Automation, Observability, and InfoSec. Demonstrated leadership in optimizing public cloud services with a focus on high availability and scalability. Adept at providing insights and support in software engineering, architectural, tooling, and infrastructural decisions. Expertise in process automation, security enhancement, and the design and implementation of mature CI/CD pipelines. Committed to continuous growth and learning, always aiming to leverage the latest technological advancements to drive innovation and efficiency.

Skills

- **Languages:** HCL | Python | Bash | Json | Yaml | Powershell | HTML | CSS | JavaScript/Typescript/Node.js
 - **Database:** SQL | NoSQL | MSSQL | MySQL | PostgreSQL | MongoDB | ETCD
 - **Compute:** EC2 | ECS | Lambda/Functions | EKS | AMIs | Systems Manager
 - **Networking:** VPC | Route Tables | ACLs | TCP/IP | Transit Gateway | VPN | VPC Peering | DNS | Load Balancers | CDN | Cloudfront | SFTP
 - **Security:** Security Groups | IAM | AWS IAM Identity Center (SSO) | AuthN/AuthZ | OAuth2 | OIDC | SAML | TLS and Certificates | Okta | Azure AD | SecretsManager | SSH
 - **Soft Skills:** Team and Technical Leadership | Mentoring | Championing new ideas/concepts | Planning and Implementing robust technical solutions | Root Cause Analysis | Troubleshooting
-

Experience

Reed Exhibitions

Cloud | DevOps Engineer

Norwalk, CT

August 2021 – Present

- **Platform Engineering Team:** As a Senior Engineer, I developed the strategy and roadmap for migrating on-premises platforms to AWS, including Apigee, Splunk, Alert Logic, databases, web servers, file servers, and microservices. I collaborated with vendors, Enterprise Architecture, stakeholders, and users to gather requirements and execute implementation plans. I ensured the maturity, scalability, and security of cloud services while adhering to industry best practices. Additionally, I optimized infrastructure performance by implementing monitoring solutions and automated processes for patching and updates. I provided technical guidance to teams on platform-related challenges, enabling faster adoption of cloud-native practices.
- **AWS Core Team:** I focused on public cloud networking, including VPCs, Transit Gateway, Direct Connect, and Site-to-Site VPN, and implemented a secure, multi-account AWS architecture with high availability (HA) and disaster recovery (DR). I strengthened the organization's security posture with AWS SSO, DUO integrations, and streamlined access management using Ansible automation. Additionally, I automated AMI creation and updates using Packer to ensure consistent, secure, and up-to-date images. I also built dashboards for troubleshooting and observability, improving system visibility, performance monitoring, and incident response. I also implemented cost management best practices by optimizing resource allocation, reducing unnecessary expenditures, and improving overall infrastructure efficiency.
- **Cloud Native Engineering and Automation:** I led enterprise-wide automation projects, driving cloud-native practices and Infrastructure-as-Code (Terraform) adoption. I created standardized CI/CD templates, reducing deployment time and enabling efficient developer workflows. I automated OS patching for AMIs, cloud onboarding tasks, and migration processes for Kubernetes and ECS. I deployed CyberArk for credential management and streamlined processes using GitHub Actions. I also developed dashboards to improve visibility across environments and implemented cloud cost optimization using FinOps principles. Additionally, I led initiatives to integrate AI/ML capabilities into future builds for enhanced automation and business intelligence.

Unilever NA*Cloud DevOps Engineer | Azure Administrator***Trumbull, CT***June 2017 – July 2021*

- As a CloudOps Engineer, I managed all phases of migration, from portfolio discovery to post-migration optimization. I developed Terraform modules and CloudFormation templates, set up infrastructure, bootstrapped nodes, and deployed applications. I created multi-container Docker images, custom images with Docker, Docker Compose, and Packer, and implemented Ansible Tower for automation and complex deployments. I designed high-availability architectures, automated tasks with System Manager, utilized Route 53, and managed Kubernetes deployments. Additionally, I facilitated the migration of Microsoft AD tenants to Azure AD, used Microsoft Autopilot for device management, and ensured security best practices while collaborating with developers to resolve issues.

LocalTech LLC*Cloud Systems Engineer***Trumbull, CT***April 2013 – June 2017*

- I managed and administered Microsoft Azure, Office 365, and Active Directory, managed both Linux and Windows servers in production environments and supported a variety of mobile devices. In the role of systems engineering, I set up and maintained file and print servers, configured DNS, and ensured system interoperability and connectivity within networked environments.

Certifications*AWS Solutions Architect Associate**Certified Kubernetes Administrator**Azure Administrator**Terraform Certified Associate**SAA-C02**CKA**AZ-104**HCTAO-002*

Education**Bowen University***Bachelor of Science, Computer Science***Sacred Hearts University***Masters of Science, Computer Science and Management**In Progress*