Cliffton Benford

Cloud & DevOps Engineer | AWS | Terraform | Docker | Kubernetes | CI/CD

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SUMMARY

Cloud & DevOps Engineer with hands-on experience building AWS cloud architectures, writing Infrastructure as Code using Terraform, automating CI/CD pipelines, and deploying containerized applications using Docker and Kubernetes. Skilled in cloud networking, security, and Linux automation. Strong technical problem-solving ability supported by real-world project experience across AWS, DevOps tooling, and GitHub-based workflow automation.

TECHNICAL SKILLS

Cloud: AWS (EC2, VPC, S3, IAM, RDS, CloudFront, Route 53, CloudWatch, ECS Fargate)

Containers: Docker, Kubernetes

IaC & Automation: Terraform, GitHub Actions, Bash

DevOps: CI/CD Pipelines, Git, GitHub

Networking: VPC Design, Subnets, Security Groups, ALB, Private/Public Architecture

Linux: Linux Administration, Bash Scripting

EXPERIENCE

Cloud/DevOps Engineer – Cloud Native Projects (Portfolio & GitHub)

Cloud Native Platform (Training & Projects) | March 2024 – Present

• Designed and deployed AWS 2■Tier architecture (ALB → EC2 ASG → RDS) using Terraform and GitHub Actions.

• Built secure VPC networking with public/private subnets, NAT Gateway, routing, IAM roles, and VPC Endpoints.

• Created Terraform modules for VPC, subnets, ALB, EC2, S3, and security groups to standardize infrastructure.

• Containerized applications using Docker and deployed to ECS Fargate with ECR image automation.

• Set up CI/CD pipelines using GitHub Actions for automated testing, container builds, and IaC deployment.

• Developed S3-hosted static portfolio site using CloudFront and Route 53 for global availability and HTTPS.

• Integrated CloudWatch monitoring, logs, and alarms for infrastructure visibility and reliability.

PROJECTS

AWS 2■Tier Web Application (Terraform + AWS)

• Built ALB → EC2 → RDS architecture with full networking and IAM security.

Dockerized Application Deployment (ECR + ECS Fargate)

• Containerized app, automated image builds, and deployed using Fargate.

Terraform VPC + Endpoint Project

• Provisioned VPC, subnets, IGW, NAT, route tables, and S3/DynamoDB VPC endpoints.

EDUCATION

A.A.S. Computer Science – Robert Morris College

Certifications: AWS Cloud Practitioner (In Progress), Terraform Associate (In Progress)