

AMHA SHIFERAW

Raleigh, NC • 919-561-1488 • amhashiferaw@gmail.com • linkedin.com/in/shiferawa • itsamha.com

Cloud Engineer

Dynamic and results-driven Cloud Engineer with experience implementing scalable, secure, and cost-optimized cloud infrastructures on AWS, Azure, and Google Cloud Platform. Proficient in IaC tools like Terraform and CloudFormation. Eager to join a forward-thinking team where I can contribute to high-impact projects and foster cloud excellence.

WORK EXPERIENCE

Colba

Cloud Operations Engineer

12/2019 – Present

Raleigh, North Carolina (Hybrid)

- Proactively monitored CloudWatch metrics and VPC Flow Logs to identify and resolve critical errors
- Designed and deployed scalable cloud infrastructure using AWS services for mission-critical applications
- Achieved 12% reduction in operational costs through strategic resource management over a quarter
- Automated deployment processes with Terraform and CloudFormation, accelerating timelines by 30% annually
- Leveraged AWS CLI for efficient scripting and automation of complex infrastructure tasks

Systems Integration Specialist

Raleigh, North Carolina

- Managed and optimized systems across Linux, macOS, and Windows environments
- Architected PCI DSS-compliant network solutions, driving 17% annual revenue increase
- Automated audit processes with bash scripting, improving efficiency and compliance
- Delivered minimum 11% revenue increase per account through strategic solutions over the term of the projects.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

08/2025

AWS

Academy Accreditation – Databricks Fundamentals

08/2025

Databricks

AWS Certified Cloud Practitioner

05/2025

AWS

PROJECTS

Fireferral

Invision Wireless

FiReferral – Fiber Internet Referral Management System

A comprehensive Flutter application for managing fiber internet referrals with organization-based multi-tenancy, commission tracking, and secure data isolation hosted on GCP firebase created with flutter.

fireferral.web.app

<https://github.com/shiferaxa/fireferral-0.0>

Portfolio Website

07/2025 - 08/2025

Personal Portfolio Website

- Complete Infrastructure as Code with Terraform
- Serverless architecture with Lambda and API Gateway
- Global CDN with CloudFront and custom domain
- Cost-optimized design (~\$5/month)
- Responsive design with modern CSS

ItsAmha.com

<https://github.com/shiferaxa/itsamha>

SKILLS

Analytical skills, Cloud Engineering, Collaboration/Working in an Agile Environment, Troubleshooting

AWS Services: CloudFront, CloudWatch, DynamoDB, EC2, IAM, Lambda, RDS, Route 53, S3, VPC

Infrastructure as Code: Ansible, AWS CDK, AWS CloudFormation, Terraform

Containers & Orchestration: Amazon ECS, Amazon EKS, AWS Fargate

Monitoring & Logging: AWS X-Ray, CloudWatch Metrics & Logs

Security & Compliance: AWS IAM, AWS KMS, AWS Secrets Manager, AWS WAF, PCI DSS Compliance

Networking: DNS Management, Load Balancers, NAT Gateways, Subnets, VPC Design

Programming & Scripting: AWS CLI, Bash, JSON, PowerShell, Python, YAML