

Static Website Hosting with S3 & CloudFront

AWS-Focused Profile

Name: Ebenezer Gbormittah

Professional Titles: AWS Cloud Engineer | AWS Cloud Architect | AWS Cloud Administrator | DevOps Engineer

Email: ebenezer.gbormittah@gmail.com

LinkedIn: www.linkedin.com/in/ebenezer-gbormittah-55789843

Summary:

Results-driven AWS Cloud Professional with over 10 years of IT experience and 5 years in cloud technologies, specializing in designing, deploying, and managing secure, scalable, and cost-optimized AWS environments. Skilled in cloud architecture, automation, CI/CD pipelines, high availability deployments, and AWS security best practices.

Holds AWS Solutions Architect Associate (SAA-C03) certification with expertise in EC2, VPC, IAM, Lambda, S3, RDS, CloudFormation, CodePipeline, and Terraform.

Dedicated to delivering robust, production-ready cloud solutions with a focus on operational efficiency, security, and scalability.

Certifications:

- AWS Certified Solutions Architect - Associate (SAA-C03)
- Azure Administrator Associate (AZ-104)

Core Skills:

- AWS Cloud Administration & Architecture
- VPC Design & Peering
- IAM Policies & Security Best Practices
- Serverless Architectures (Lambda, API Gateway)
- CI/CD Pipeline Automation (CodePipeline, CodeBuild, CodeDeploy)
- Infrastructure as Code (Terraform, CloudFormation)
- Monitoring & Logging (CloudWatch, OpenSearch)
- High Availability & Disaster Recovery Strategies

Project Description

This project demonstrates how to host a static website on AWS using Amazon S3 as the storage backend, Amazon CloudFront as the CDN for performance and security, and Route 53 for domain name management. The setup also includes AWS Certificate Manager (ACM) for SSL/TLS encryption.

Core AWS Services

Core AWS Services: S3, CloudFront, Route 53, ACM

AWS Architecture Diagram

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