Contact

Phone
+268 79 46 2012

Email
marwakmichael@gmail.com

LinkedIn
/michael-k-marwa

GitHub
MichaelKMarwa

Address
1 Athel Estate, Eswatini

Education

Graduated: February 2024

AWS Certified Solutions Architect Associate

Udemy

High School Diploma, General Studies

Mondeor Eco, Cape Town, South Africa

Expertise

Networking Services:
- Route 53, VPC, Elastic Load Balancing (ELB)

Troubleshooting Tools:
- traceroute, mtr, ping, iperf, dig/nslookup, cURL

Security:
- SSL/TLS, Network Firewalls, Web Application Firewalls (WAF)

Operating Systems:
- Ubuntu (Linux), Windows Server

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

Tools & Technologies:
- Terraform, CloudFormation, Git, REST APIs, CI/CD Pipelines

Soft Skills:
- Problem Solving, Team Collaboration, Customer Support, Time Management

Language

English (native)

Afrikaans (second language)

Shona (home language)

Michael Marwa
Cloud Support

Certifications

AWS Certified Cloud Practitioner (CCP)
Expiration Date: December 13, 2026

Validation Number: BK682YSBSNB1QQGS

Validate At: aws.amazon.com/verification

AWS Certified Solutions Architect Associate (SAA)
Status: Scheduled retake

Experience

November 2022
Glorymind Media – Harare, Zimbabwe

- Managed a team of 4 designers to deliver client websites.
- Built and migrated the main company website from shared hosting to AWS EC2, reducing downtime from 6 hours/month to <15 minutes.

May 2024 - Present
Freelance Projects – Various Clients – Sandton, South Africa - Eswatini

- Designed an architecture for a client looking to build a Taxi App (similar to Lyft). which had an external issue I had to solve which is in Eswatini google maps does not work so I had to create the architecture around this issue. I heavily made use of AWS LEX, SNS, S3
- Currently working on the backend of UK based app. I'm using Encore.ts + AWS for this project, I'm building all endpoints, handling that whole section of the app

Projects

AWS Cloud Resume Challenge
- Static frontend hosted on Amazon S3.
- CloudFront for HTTPS and global content delivery.
- Lambda + DynamoDB for a serverless visitor counter.
- API Gateway to expose the backend API.
- GitHub Actions for CI/CD pipelines.

Cost-Optimized Wallet App on AWS
- Reduced monthly costs to R602.03 by switching from EC2 to Fargate and negotiating Reserved Instance discounts.
- Key takeaway: Over-provisioned storage by 50GB initially; fixed by enabling Auto-Scaling after analyzing metrics in CloudWatch.

Summary

Cloud developer with 2+ years of hands-on experience designing, troubleshooting, and cost-optimizing AWS environments. Certified AWS Cloud Practitioner and Solutions Architect Associate candidate (exam 2025). Key achievements include migrating legacy systems to AWS EC2, automating deployments with Terraform, and building serverless apps that cut client costs. Proficient in networking (VPC), security (WAF, IAM), and monitoring tools like CloudWatch. Collaborative team lead with a track record of resolving technical conflicts and delivering projects on time. Eager to leverage my technical expertise and problem-solving skills to drive efficiency and reliability for clients.