

# [Elmoge Abukar]

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## PROFILE

Cloud & DevOps Engineer with hands-on experience designing and managing highly available AWS environments, automating infrastructure with Terraform, and building CI/CD pipelines for reliable deployments. Experienced in production support, cloud security, and performance optimization. Focused on automation, reliability, and secure cloud architecture.

## PROJECT EXPERIENCE

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### AWS Infrastructure Automation

- Designed Multi-AZ AWS environments using VPC, EC2, ALB, and Auto Scaling
  - Automated infrastructure provisioning with Terraform modules and remote state
  - Managed networking, routing, and security configurations
  - Troubleshoot IAM, networking, and deployment issues
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### CI/CD & Automation

- Built CI/CD pipelines using Jenkins and GitHub Actions
  - Automated build and deployment workflows
  - Optimized Docker images for faster deployments
  - Improved release consistency through automation
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## **Serverless & Databases**

- Built serverless applications using AWS Lambda and Python
  - Integrated S3, DynamoDB, SNS, and RDS (MySQL)
  - Implemented logging and monitoring for reliability
  - Automated operational workflows
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## **Security & Compliance**

- Implemented IAM least-privilege policies and WAF protections
  - Automated secrets rotation with Secrets Manager
  - Used GuardDuty and CloudWatch for monitoring and threat detection
  - Applied cloud security best practices to reduce misconfigurations
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## **S3 & Storage**

- Managed S3 buckets with encryption, versioning, and lifecycle rules
- Applied secure bucket policies and access controls
- Optimized storage costs with lifecycle management

# PROFESSIONAL EXPERIENCE

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## **Web Administrator / Cloud Support (Freelance)**

**2023 – 2025**

- Managed and maintained client websites and hosting environments
  - Owned uptime, reliability, and performance
  - Performed patching and security hardening
  - Monitored systems and resolved production issues
  - Transitioned environments toward cloud-based infrastructure
  - Implemented Terraform for automation
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## **Frontend Developer (Freelance)**

**2020 – 2023**

- Developed responsive client websites
- Gathered requirements and delivered production-ready solutions
- Deployed and maintained sites on cloud hosting platforms
- Optimized performance and user experience
- Managed version control with Git/GitHub
- Applied web security best practices