

STEPHEN ALABI

CLOUD SECURITY ENGINEER | CLOUD PLATFORM SECURITY

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PROFESSIONAL PROFILE

Cloud Platform Engineer with hands-on experience building preventive cloud security controls, secure developer workflows, AWS logging pipelines and enterprise infrastructure automation. Contributed to Dev Gate and Sec Gate solutions using a shared containerised security-toolchain for developer checks and GitHub Actions pull requests; helped design CloudTrail ingestion into Microsoft Sentinel via SQS. Brings AWS governance, Terraform, CI/CD and production engineering experience to Cloud Security and DevSecOps roles.

CORE TECHNICAL SKILLS

Cloud security: AWS IAM, AWS Organizations, Security Hub, CloudTrail, KMS, logging, central monitoring and governance
DevSecOps & IaC: Terraform, GitHub Actions, Gitleaks, TFLint, Checkov, Pylint, PSScriptAnalyzer, Hadolint, SAST, tfsec, SonarQube, JFrog Artifactory

Automation & scripting: AWS Lambda, EventBridge, Python, Bash, GitHub Actions, Buildkite

Detection & observability: AWS CloudTrail, SQS, Microsoft Sentinel, Dynatrace, ELK, CloudWatch, Splunk

Cloud platform: AWS VPC, EC2, S3, multi-account architecture, infrastructure delivery and operational support

PROFESSIONAL EXPERIENCE

SENIOR CLOUD PLATFORM ENGINEER | Flameset Group | Remote | Aug 2021–Present

- Co-designed and implemented a shared Dev Gate / Sec Gate developer security workflow, packaging Gitleaks, TFLint, Checkov, Pylint, PowerShell and Dockerfile linting and other SAST tools in a reusable container image for local commit-time checks and GitHub Actions pull requests.
- Contributed to the architecture for streaming AWS CloudTrail logs into Microsoft Sentinel using Amazon SQS as the queueing layer, supporting centralised security log ingestion and detection workflows.
- Developed reusable Terraform templates during the organisation-wide ELK-to-Dynatrace migration, standardising observability configuration across engineering teams.
- Co-architected a versioned Terraform module distribution approach using JFrog Artifactory, improving shared module governance and reproducibility for application teams.
- Implemented AWS governance and cost automation including CloudTrail consolidation (£430,000 in reported savings) and tag-aware Lambda EC2 lifecycle management (estimated annual savings of approximately £20,000).

EARLIER EXPERIENCE

SITE RELIABILITY ENGINEER | Flameset Group | Remote | Jan 2020–Aug 2021

- Built and maintained cloud infrastructure using Terraform and Ansible; supported alerting, monitoring, incident response and automation using Python and Go.
- Collaborated with engineering teams on reliability, infrastructure security improvements and operational practices.

AWS CLOUD ENGINEER | Techforest IT Solutions | Ogun, Nigeria | Jan 2018–Dec 2019

- Designed and supported AWS environments, monitoring and infrastructure automation using Terraform and CloudFormation; contributed to CI/CD delivery using CircleCI.

WEB DEVELOPER | Techforest IT Solutions | Ogun, Nigeria | Oct 2015–Dec 2017

- Developed and supported e-commerce and custom web applications, CMS integrations and hosting infrastructure.

SELECTED ENGINEERING PROJECTS

Secure Developer Workflow - Dev Gate / Sec Gate

Created shared containerised security checks for local developer workflows and GitHub Actions pull requests, including secret detection, IaC scanning and code linting.

AWS CloudTrail to Microsoft Sentinel

Contributed to an AWS CloudTrail log ingestion architecture using SQS for buffering and Microsoft Sentinel for centralised security analysis.

Cloud Governance and Security Automation

Worked across multi-account AWS logging and governance, Terraform module controls, Dynatrace automation and cost-optimisation initiatives.

CERTIFICATIONS

HashiCorp Certified: Terraform Associate (earned 2022)

AWS Certified Solutions Architect – Associate (earned 2021)

Cisco IT Essentials (2018)

EDUCATION

MSc, Information Technology | Bournemouth University, UK | Jan 2020–Jul 2022

BSc, Information Technology | Sikkim Manipal University | Apr 2012–Aug 2015

ADDITIONAL LEADERSHIP

Trustee & Director, Breath of Life Church, Bournemouth (2025–Present); Chief Technical Officer (2023–Present).