

STEPHEN ALABI

SENIOR / LEAD CLOUD PLATFORM ENGINEER

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PROFESSIONAL PROFILE

Senior Cloud Platform Engineer with experience spanning AWS infrastructure, infrastructure as code, CI/CD, SRE and enterprise platform modernisation. Co-designed repository and Terraform module versioning architecture, implemented artifact-based module distribution, and developed reusable Dynatrace automation during an organisation-wide observability migration. Combines hands-on engineering with cross-team enablement, governance and cost optimisation. Open to Senior/Lead Cloud Platform Engineering and related roles.

CORE TECHNICAL SKILLS

Cloud & architecture: AWS (Organizations, IAM, EC2, VPC, S3, CloudTrail, CloudWatch, Lambda, Security Hub, KMS); multi-account platform design

Infrastructure as code: Terraform, reusable modules, module versioning, CloudFormation, Ansible, JFrog Artifactory

Delivery & automation: Buildkite, GitHub Actions, CircleCI, Jenkins, Python, Bash, Git, CI/CD

Observability & SRE: Dynatrace, ELK, CloudWatch, Datadog, Splunk; monitoring, incident management and reliability

Security engineering: IAM, CloudTrail, Sentinel/SQS ingestion, Dev Gate/Sec Gate shared security-toolchain, Gitleaks, Checkov, tfsec, SonarQube

PROFESSIONAL EXPERIENCE

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

- Co-architected and implemented an enterprise infrastructure repository modernisation programme, moving from a monolithic codebase towards reusable, independently versioned Terraform modules for application teams across a large organisation (~1,000 employees overall).
- Co-designed module versioning and implemented JFrog Artifactory-based module distribution, reducing direct dependency on a central repository and enabling more controlled module consumption and upgrades.
- Implemented Terraform automation and reusable templates for multiple engineering teams during a major migration from the ELK stack to Dynatrace, standardising observability configuration and deployment patterns.
- Developed AWS cost-optimisation solutions, including centralised CloudTrail design (£430,000 in reported savings) and automated EC2 lifecycle management using Lambda and tag policies (estimated annual savings of approximately £20,000).
- Helped deliver Dev Gate / Sec Gate containerised developer checks and GitHub Actions pull-request scanning; contributed to AWS CloudTrail-to-Microsoft Sentinel log ingestion design using SQS.

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

Enterprise Terraform Module Architecture & Distribution

Co-designed repository decomposition, module versioning and JFrog distribution for reusable Terraform modules. Scope: application teams across a large organisation; confirm actual number of teams/modules supported.

ELK-to-Dynatrace Observability Transformation

Implemented reusable Terraform templates and automation adopted by multiple teams during an organisation-wide observability platform change.

AWS Cost Optimisation & Governance

Contributed to CloudTrail centralisation and built tag-aware Lambda EC2 lifecycle automation. Reported outcomes: £430,000 CloudTrail savings and estimated annual EC2 savings of approximately £20,000; validate measurement period and attribution.

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).