

## ISAAC TANDOH

DevOps Engineer | AWS Community Builder

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### SUMMARY

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- DevOps Engineer with years of experience designing secure, scalable infrastructure across cloud and hybrid environments.
- Proven track record in implementing Infrastructure as Code (IaC), CI/CD automation, observability, and proactive incident response in AWS environments.
- Adept at integrating DevSecOps principles and mentoring engineers to foster a culture of operational excellence and continuous improvement.

### WORK EXPERIENCE

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**DevOps Engineer,** **September 2022 - Present**

**JOMACS IT Solutions Inc.** – Calgary, Canada

- Designed, deployed, and supported secure, scalable AWS infrastructure for SMEs, improving availability, fault tolerance, and system reliability.
- Automated infrastructure provisioning using Terraform, enabling repeatable, auditable, and consistent deployments across environments.
- Built and maintained CI/CD pipelines integrating security scanning, compliance checks, and automated testing (DevSecOps).
- Supported Linux-based systems, troubleshooting production issues, and improving operational stability.

**Cloud Trainer and DevOps Engineer,**

**March 2024 - Present**

**AmaliTech** – Accra, Ghana

- Architected secure and scalable AWS solutions across compute, networking, storage, databases, and serverless services.
- Supported teams with cloud adoption, security best practices, and compliance frameworks in AWS environments.
- Delivered DevOps and cloud enablement programs while maintaining hands-on involvement in infrastructure design and automation.

**Cloud Operations & Systems Engineer,**

**October 2019 - February 2023**

**Hexing Group** – Hangzhou, China

- Managed **hybrid cloud and on-prem infrastructure**, maintaining 99.9% uptime across production systems.
- Automated patching and system maintenance workflows to improve security posture and compliance.
- Performed Linux system administration and root-cause analysis for infrastructure and network incidents.

## EDUCATION

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University for Development Studies – Tamale, Ghana  
BSc, Computer Science

September 2014 – August 2018

## TECHNICAL SKILLS

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**Cloud Platforms:** AWS

**IaC & Config Management:** Terraform | CloudFormation | Ansible

**CI/CD & Automation:** GitHub Actions | Jenkins

**Containers & Orchestration:** Docker | Kubernetes

**Monitoring & Observability:** Prometheus | CloudWatch

**Security & Compliance:** IAM | GuardDuty | WAF | CloudTrail | Security Hub

**Scripting & OS:** Bash | Python | Linux | Windows

## SOFT SKILLS

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Mentorship | Effective Verbal and Written Communication | Collaboration | Problem-Solving

## CERTIFICATIONS

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[AWS Certified Security - Specialty](#)

[AWS Certified DevOps Engineer - Professional](#)

[AWS Certified Solutions Architect – Associate](#)

[AWS re/Start Accredited Instructor](#)

[AWS Certified Cloud Practitioner](#)

[Google IT Support Certificate](#)

[Google Cybersecurity Certificate](#)

## DEVOPS PROJECTS

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**End-to-End DevSecOps Pipeline for SOC 2 Compliance** | [Repo Link](#)

Built secure CI/CD pipelines with Terraform, GitHub Actions, and AWS services; integrated automated security scans, centralized logging, and policy enforcement to meet SOC 2 requirements.

**Terraform CI/CD with Testing & Policy Enforcement** | [Repo Link](#)

Designed reusable Terraform modules; implemented security and compliance testing using Checkov and Terraform Test; integrated into AWS CodePipeline for automated provisioning.

**Automated Deployment of .NET Application on AWS** | [Repo Link](#)

Built a GitHub Actions workflow to automate infrastructure setup and deploy .NET apps using Elastic Beanstalk with Terraform.