DANIEL KUMAH

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Professional Summary:

A dedicated cloud infrastructure manager with robust experience in optimizing and automating cloud environments. Proven track record of collaborating with cross-functional teams to implement security best practices, manage disaster recovery strategies, and stay updated with the latest cloud services. AWS certified, with hands-on expertise in a wide range of AWS services, including EC2, S3, RDS, and more.

Work Experience:

Cloud Infrastructure Manager
BigData Ghana, Accra
September 2022 - August 2023

- Managed and monitored cloud infrastructure, ensuring 99.99% uptime.
- Developed infrastructure-as-code (IaC) deployments using Terraform, resulting in a 30% faster rollout of new cloud services.
- Collaborated with the security team to implement security best practices, successfully passing quarterly compliance audits.
- Led the optimization of cloud resource costs, saving the company an average of 66% on monthly AWS bills.
- Configured and managed multiple EC2 instances, VPCs, and subnets, ensuring optimal performance and security.
- Developed and maintained monitoring and alerting systems using CloudWatch and CloudTrail.
- Conducted monthly infrastructure reviews, identifying and addressing potential bottlenecks.
- Continuously updated and trained the team on AWS services and industry best practices.

Cloud Operations Engineer
Hightel Consults, Accra
July 2019 - June 2022

- Assisted in the maintenance and deployment of cloud resources using Terraform and AWS CloudFormation.
- Configured AWS Amplify for deploying applications, reducing deployment time by 25%.
- Assisted in conducting regular security audits, ensuring compliance with PCI-DSS and other industry standards.
- Played a pivotal role in troubleshooting and resolving more than 100 infrastructure-related issues with client accounts, ensuring minimal downtime.

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Skills:

- AWS Services & Management (EC2, S3, RDS, IAM, CloudWatch, EKS, AWS Serverless, etc.)
- Terraform & Infrastructure Automation
- Python, Bash scripting & Powershell
- Containerization & Orchestration (AWS ECS, EKS, Docker)
- Networking (Routing, Subnets, DNS, Load Balancers)
- Cloud Security & Compliance
- Troubleshooting & Problem Solving

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Qualifications:
- AWS Certified Solutions Architect
- MPhil in Computer Science, University of Ghana (2021)

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References:

Roshan Lakshmipathy
Assistant Manager
AWS - Public Sector at Redington Gulf
United Arab Emirates
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