

EKEMINI LIRON ESSIEN

CLOUD | AI SECURITY ENGINEER

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PROFILE

Cloud security and DevSecOps professional with experience securing AWS environments, implementing IAM/RBAC and policy-as-code controls, remediating cloud security findings, supporting SOC 2 compliance, and improving infrastructure resilience. Combines hands-on cloud engineering with enterprise security assessment and stakeholder communication experience.

CERTIFICATIONS

- AWS AI Practitioner — Issued: August 2026 | Expires: August 2029
- AWS Machine Learning Associate — Issued: September 19, 2026 | Expires: September 19, 2029
- AWS Solutions Architect Associate — Scheduled: October 16, 2026 | Expiration pending issuance
- CompTIA Security+ — Issued: August 18, 2020 | Expires: August 18, 2029
- AWS Cloud Practitioner — Issued: February 23, 2022 | Expires: September 19, 2029

TECHNICAL SKILLS

Cloud & Infrastructure: AWS, EC2, S3, RDS, VPC, IAM, Route 53, CloudFront, Elastic Load Balancing, Lambda, Secrets Manager, EMR

Cloud Security: AWS Security Hub, CIS AWS Foundations Benchmark, AWS Foundational Security Best Practices, IAM/RBAC, least privilege, MFA, vulnerability remediation

DevSecOps & Automation: Terraform, Infrastructure as Code, Policy as Code, CI/CD, Python, AWS Lambda, CloudFormation

Networking: VPC, route tables, VPN/OpenVPN, DNS, TLS, load balancers

Data & Platforms: Databricks, Athena, DynamoDB, RDS, SQL/NoSQL, Alteryx, Tableau

Compliance & Privacy: SOC 2, security questionnaires, access reviews, data privacy, CCPA

EMPLOYMENT HISTORY

Tunni — DevSecOps Engineer | April 2022 – Present

- Designed and maintained AWS security controls across IAM, S3, EC2, RDS, VPC, Elastic Load Balancing, Secrets Manager, and related cloud services, supporting alignment with AWS Foundational Security Best Practices and CIS AWS Foundations benchmarks.
- Remediated AWS Security Hub findings involving IAM credentials, MFA, S3 security controls, load balancer configuration, network protections, logging, and unused secrets.
- Developed and maintained Terraform-based IAM/RBAC and policy-as-code frameworks to enforce least-privilege access across AWS resources.
- Supported SOC 2 compliance through control evidence, documentation, quarterly access reviews, and recurring compliance activities across AWS and engineering tools.
- Administered identity and access for employees, contractors, and engineering teams across AWS, Databricks, GitHub, VPN, and other enterprise systems.
- Supported disaster-recovery planning and cross-region infrastructure migration across multiple availability zones, spanning EC2, RDS, S3, ClickHouse, Airflow, Cognito, VPN, DNS, and application infrastructure
- Automated AWS IAM access-key rotation using AWS Lambda and Secrets Manager to strengthen credential management and reduce manual security operations.
- Supported privacy and data-protection operations, enterprise security questionnaires, and troubleshooting for cloud services and developer infrastructure.

Cymulate — Cyber-Risk Assessment Specialist | September 2020 – March 2022

- Collaborated with CISOs and enterprise security teams to simulate attacks across email, web gateways, endpoint security, lateral movement, and data exfiltration.
- Supported extended security posture management initiatives by validating security controls and mapping risks to the MITRE ATT&CK framework.
- Advised enterprise teams on cloud migration security, attack surface management, automated red teaming, and purple-team exercises.

Operatix — Business Development | September 2019 – September 2020

- Supported software and cloud vendor portfolios, connecting security leaders with solutions for threat intelligence, API protection, privacy, and Salesforce security.

Globe Life — Business Development Manager | December 2017 – September 2019

- Managed a high-performing team generating an average of \$500,000 in annual recurring revenue and introduced real-time goal-tracking to improve performance.

PROJECTS

Cloud Resume Deployment | March 2022

Built a cloud-hosted website with a database, API Gateway, custom domain, HTTPS, and Python 3 serverless functions, packaged using an AWS SAM template.

EDUCATION

Solent University — Southampton, England | 2016–2017

Master of Science, Management — First Class

Houston Baptist University — Houston, Texas | 2012–2016

Bachelor of Business Administration — Cum Laude