

EVAN HARDEE AKERLY

Aspiring Cloud Security Engineer

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SUMMARY

IT and networking professional with 10+ years of experience transitioning into cloud security engineering. CompTIA Security+ and CySA+ certified. Building hands-on AWS cloud engineering experience — provisioning serverless infrastructure, writing Python automation with boto3, and documenting every architecture decision. Home lab runs Wazuh SIEM, Cowrie SSH honeypot, and Cloudflare Zero Trust. Seeking Cloud Security Engineer and Cloud Engineer roles in Kansas City and fully remote.

CERTIFICATIONS & EDUCATION

CompTIA Security+ (SY0-701)

Certified · April 2026

CompTIA CySA+ (CS0-003)

Certified · May 2026

AWS SAA-C03

In Progress

M.S. Information Technology · University of Kansas

Currently Enrolled

B.S. Information Technology · University of Kansas

2024 · GPA 3.71 · Dean's List

TECHNICAL SKILLS

AWS Cloud: EC2, S3, Lambda, DynamoDB, SNS, SQS, IAM, CloudWatch, CloudTrail, VPC, CloudFront, ACM, boto3

Security: IAM least-privilege design, Zero Trust architecture, SIEM administration, log analysis, threat hunting, MITRE ATT&CK, incident response

Infrastructure: Cloudflare Zero Trust, Docker / Docker Compose, VirtualBox, Wazuh SIEM, Kali Linux, Linux CLI, Apache Guacamole

Networking: TCP/IP, DHCP, Static IP, IPv4/IPv6, VPN, PPPoE, firewall configuration, ACLs

Languages: Python (boto3, scripting), Bash, HTML/CSS

AWS CLOUD PORTFOLIO

github.com/evanakerlys-cloud-projects/cloudprojects — Hands-on AWS infrastructure projects documenting real-world business problems and architecture decisions.

- SecureFile — Serverless document ingestion pipeline for an insurance compliance use case. S3 PUT event triggers Lambda (Python/boto3) which writes an audit record to DynamoDB, publishes an SNS notification, and logs to CloudWatch. Least-privilege IAM policy scoped to specific resource ARNs. Tested end-to-end. (Day 01)
- LaunchPad — Static website migration to AWS using S3, CloudFront CDN, ACM SSL certificate, and Cloudflare DNS. Zero server management. Global edge caching. (Day 02)

HOME LAB — LIVE SECURITY ENVIRONMENT

lab.evanakerly.com | remote.evanakerly.com/guacamole

- Deployed Wazuh 4.14.4 SIEM with three active agents — Windows 11, Kali Linux, and Cowrie SSH honeypot on Raspberry Pi — reporting real-time events
- Secured all external access via Cloudflare Zero Trust tunnels — zero open ports, identity-gated, email PIN authentication
- Deployed browser-based Kali Linux desktop via Apache Guacamole (Docker Compose) at remote.evanakerly.com/guacamole
- Simulated 3 attack scenarios — Nmap reconnaissance, Hydra brute force, Metasploit — triggering Wazuh rule 5763 (level 10) 6 times with full SOC triage documented

WORK EXPERIENCE

Help Desk Technician · 365 Retail Markets

Mar 2023 – Mar 2026

- Remotely managed customer network infrastructure (Static IP and DHCP) across distributed Point of Sale environments — directly applicable to cloud network administration
- Analyzed Windows Event Logs to identify root causes of recurring incidents, building log analysis skills applied to SIEM and CloudWatch log analysis
- Adhered to PCI DSS compliance standards across all Point of Sale environments protecting customer payment data
- Used Linux scripts and remote tools to diagnose and resolve embedded POS systems, reducing escalation rates

Help Desk Technician · [Black Knight Financial](#)

Feb 2018 – Mar 2020

- Supported proprietary MLS platform for real estate clients; managed HTML-based web content and trained end users

ISP Help Desk Technician L1 · [ISPN](#)

Sep 2015 – Oct 2017

- Diagnosed and resolved complex network connectivity issues: PPPoE, DHCP, Static IP, IPv4/IPv6 — strong networking foundation applied to AWS VPC and security group design

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