

Tyler Li

Tyler Li | (713)-277-8438 | Houston, Tx | <https://tylerinthecloud.com/>

PROFESSIONAL SUMMARY

Access Management Analyst with 2+ years of experience securing enterprise identity systems and administering privileged access in Active Directory and CyberArk environments. Proven ability to automate IAM operations with PowerShell and support security monitoring through SOC workflows. Hands-on experience building and operating AWS cloud infrastructure including EC2, S3, VPC networking, and IAM policies through lab environments and production-style projects. AWS Certified Cloud Practitioner seeking to transition into a cloud administration role focused on AWS infrastructure operations, monitoring, and security.

CORE COMPETENCIES

Cloud Platforms

AWS (EC2, S3, IAM, VPC, Lambda, DynamoDB, Cognito, CloudFront, Route53, ACM)

Identity & Security

Active Directory, CyberArk PAM, RBAC, MFA, Identity Lifecycle Management

Infrastructure & Systems

Windows Server, Linux fundamentals, Cloud Infrastructure Monitoring, Incident Response

Automation & Scripting

PowerShell, Python (basic)

Security Tools

Splunk, EDR, VirusTotal

WORK EXPERIENCE

L3HARRIS

Access Management Analyst (IAM)

Jan. 2023 – Present

Remote

- Increased IAM team productivity by developing PowerShell automation scripts used to process bulk Active Directory operations—including group provisioning, membership audits, access removals, and identity updates—reducing large-scale request processing time by ~95%.
- Improved privileged account request turnaround by **leading a tiger team responsible for Application Administrator access provisioning**, enabling requests to be completed **significantly faster than established SLA timelines**.
- Served as the IAM team's Subject Matter Expert (SME) for CyberArk Privileged Access Management (PAM), providing escalation support and technical guidance while leading training sessions on safe administration, privileged credential management, and PSM/CPM operations.
- Provided subject matter expertise for Active Directory Group Policy Object (GPO) exception requests, reviewing and approving policy deviations while ensuring security controls aligned with enterprise identity and access management standards.
- Strengthened identity security posture by implementing **RBAC and MFA enforcement** across Active Directory environments supporting enterprise authentication systems.

- Managed identity lifecycle operations including **user provisioning, de-provisioning, and service account administration**, ensuring secure access to enterprise infrastructure resources.
- Ensured regulatory compliance during **quarterly access audits** by reviewing identity permissions and remediating privilege escalation risks aligned with SOX standards.

Brink's Inc.

Global SOC Intern

July 2022 – Jan. 2023

Coppell, Tx

- Improved incident triage response time by assisting in the investigation of security alerts using **Splunk, EDR tools, and VirusTotal threat intelligence platforms**.
- Strengthened detection capabilities by researching indicators of compromise and escalating confirmed threats to senior analysts for incident response.
- Supported security monitoring operations by reviewing logs, investigating alerts, and documenting findings for SOC escalation workflows.

PROJECTS

AWS WildRydes Serverless Application

AWS Amplify | Lambda | DynamoDB | Cognito | API Gateway

- Built and deployed a serverless AWS application supporting secure authentication and event-driven compute workflows using Lambda and Cognito identity services.
- Implemented scalable backend services by configuring DynamoDB storage and API Gateway integrations to process application requests.
- Strengthened cloud security posture by applying IAM role-based permissions and least-privilege access controls to serverless infrastructure components.

AWS Cloud Portfolio Website

S3 | CloudFront | Route53 | ACM | VPC | EC2 (Lab)

- Deployed a secure cloud infrastructure architecture by hosting a static website in S3 and distributing content through CloudFront with HTTPS encryption via AWS Certificate Manager.
- Improved application availability and global performance by configuring Route53 DNS routing and content delivery optimization.
- Strengthened infrastructure security by implementing IAM access policies and secure S3 bucket permissions following least-privilege principles.
- Developed hands-on AWS infrastructure experience by configuring EC2 instances within VPC networking environments and monitoring system health during deployment testing.

Azure MFA Conditional Access Lab

Microsoft Entra ID

- Improved identity protection controls by implementing Conditional Access policies that enforced MFA across test users in Azure environments.
- Validated authentication workflows by testing role-based access scenarios and comparing Security Defaults with granular Conditional Access policy configurations.

EDUCATION

The University of Texas at Dallas

December, 20222

B.S, Information Technology Systems

Richardson, Tx

CERTIFICATIONS

- **CompTIA Security+**
- **CompTIA Network+**
- **AWS Certified Cloud Practitioner (Scheduled – March 2026)**