MOHAMMAD MAHMUD

Cybersecurity Analyst

New York, NY | 347-248-4276 | tawhid.mahmud42@gmail.com | linkedin.com/in/mahmud45

TECHNICAL SKILLS

Identity & Access Management: Microsoft EntraID, Active Directory, LDAP, Okta, SailPoint, CyberArk, PKI & Certificate Management, SafeNet MobilePASS

Security & Endpoint: SentinelOne (EDR) endpoint management, ITAR-regulated environments

Systems & Messaging: Mainframe, Unix, Lotus Notes, Microsoft Exchange administration, distribution list management, legacy user and account conversion

Cloud & DevOps: AWS, Microsoft Azure, Terraform / Infrastructure as Code (working knowledge), Git version control, CI/CD concepts

PROFESSIONAL EXPERIENCE

TCS (Client: Bombardier) Wichita, KS

Senior Security Analyst, January 2026 – Present

- Administer identity and access across mainframe, LDAP, Unix, and Lotus Notes environments, supporting authentication and account management for a large enterprise user base in an ITAR-regulated defense environment.
- Manage Microsoft EntraID and Exchange administration, including user and group provisioning, distribution list management, and legacy account conversions during system migrations.
- Issue and manage PKI certificates and support Okta and SafeNet MobilePASS-based authentication, strengthening secure identity verification across defense systems.
- Deploy and maintain SentinelOne EDR agents across endpoints, monitoring for threats and supporting incident response.

COOP New York, NY

Data Analytics Instructor, August 2025 – February 2026

- Facilitated weekly Excel and Tableau sessions for 16+ fellows, building data cleaning and visualization skills for a mid-cycle data analytics project.
- Partnered with program captains on lesson planning and assignments, contributing to a 20% increase in program completion rates.

JPMorgan Chase New York, NY

Cyber Security Specialist (Contract), March 2024 – December 2025

- Administered Active Directory accounts, groups, and access policies as a contract security specialist, engaged through a third-party staffing partner.
- Managed privileged account access and vaulting through CyberArk, reducing unauthorized access risk on high-privilege accounts.
- Supported SailPoint identity governance, including access certification campaigns and compliance reviews.
- Issued and managed PKI certificates and supported application-level access administration for internal business systems.

Headstarter New York, NY

AI Engineer, August 2024 – January 2025

- Collaborated with a cross-functional team of AI engineering students to design, develop, and present 5+ machine learning models addressing real-world problems.
- Streamlined model training workflows using Google Colab, cutting runtime from 5 hours to 5 minutes — a 98% reduction in processing time.
- Applied the end-to-end ML development lifecycle, from data preparation through model evaluation, deepening practical AI/ML implementation skills.

EDUCATION

Hunter College — *Bachelor's Degree, Computer Science*

COOP Careers Fellowship, January 2025 – June 2025 — *Data Analytics*

Scrimba, August 2025 – November 2025 — *Full Stack Developer*

CERTIFICATIONS

- Identity and Access Management; Google Data Analytics Specialization; The Complete SQL Bootcamp; AWS Certified Developer, Microsoft Certified Azure Developer, and Back End Developer Certification