NIKESH BIRAGGARI

LinkedIn | GitHub | biraggari.n@northeastern.edu | (857)-961-9695 | Portfolio | Boston, MA (Open to Relocate)

PROFESSIONAL SUMMARY

Identity Access Management Engineer specializing in securing enterprise environments through scalable and compliant identity solutions. Focused on automation, policy-driven access, and enabling Zero Trust Architecture.

EDUCATION

Northeastern University, Boston, MA   **Sept 2023 - May 2025**
MS in Information Systems   **GPA**: 3.84

PROFESSIONAL EXPERIENCE

Micron Technology   **Hyderabad, India**
Identity Access Management Engineer   **Feb 2022 - Aug 2023**

- Led enterprise-wide **Azure AD (Entra ID) MFA migration**, saving $800K/yr meeting **Zero Trust** and **NIST 800-171** compliance standards through secure policy enforcement using **Conditional Access**.
- Automated **Joiner–Mover–Leaver (JML)** processes in **SailPoint**, integrating with **SCIM** for endpoints to reduce provisioning errors of user provisioning, de-provisioning, and access reviews by 80%.
- Engineered 25+ application onboarding flows in SailPoint using **custom rules**, **roles**, **request workflows**, **email templates,** and **connectors**.
- Implemented **RBAC**, **ABAC**, and **PBAC** for entitlement-based access management across divisions, increasing audit readiness during **SOX** and **ISO 27001** reviews.
- Designed and maintained **PowerShell scripts** for IAM operations (bulk updates, audit exports, non-human identity sync) improving ops efficiency by 60%.
- Deployed **BeyondTrust Password Safe** and led PoC for **HashiCorp Vault** to establish secrets management and password rotations of generic accounts by 70%.
- Integrated SailPoint workflows with **Azure AD**, **LDAP**, and **GCP Audit Services** to establish centralized access reporting and control across cybersecurity teams by 90%.
- Enabled **SSO** for 30+ **SaaS** products using **SAML, OpenID, and OAuth2.0**, improving authentication efficiency by 80% and administered **ADFS** to enable **federated identity** and on-premises SSO for enterprise applications.
- Conducted **compliance audits** (HIPAA, GDPR) and enforced **security standards** through identity policies and process documentation.

Cognizant Technology Solutions   **Hyderabad, India**
Software Engineer - IAM Support   **Oct 2020 - Feb 2022**

- Developed and maintained IAM modules includes endpoint connectors, access requests, password management in an internal **C# ASP**.**NET**-based enterprise system supporting over 30,000 identities.
- Contributed to **Active Directory** hygiene and security review initiatives — removing stale and orphaned accounts, updating group policies, troubleshooting and mapping least privilege access.
- Drafted IAM documentations aligned with global IAM processes, standards, and data governance policies.

TECHNICAL SKILLS & CONCEPTS

- **IAM Platforms**   : SailPoint IdentityNow/IIQ, Azure AD, BeyondTrust, HashiCorp Vault
- **Access & Authentication**   : SSO, SAML, OAuth2.0, OIDC, MFA, JIT Provisioning
- **Directory Services**   : Active Directory, LDAP, AAD Connect, Security Groups
- **Identity Governance**   : RBAC, ABAC, PBAC (policy-based), Entitlements, SCIM, JML
- **Automation & Scripting**   : PowerShell, Shell, Bash, REST APIs
- **Security & Compliance**   : NIST, ISO 27001, PCI-DSS, SOX, HIPAA, GDPR
- **Cloud & Tools**   : Azure, Amazon Web Services (AWS IAM), Google Cloud, Azure DevOps, CI/CD

ACADEMIC PROJECTS

Network Structures and Cloud Computing   **[GitHub]**

- Hosted a fault-tolerant application on Google Cloud with **CI/CD** pipelines via **GitHub Actions**, leveraging Cloud Load Balancer and Auto-Scaling for 99.99% uptime.
- Streamlined infrastructure management with **Terraform**, cutting manual provisioning time by **90%**.