

Salman Hersi

Senior Identity and Cloud Engineer

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SUMMARY

Senior Identity and Cloud Engineer with hands-on IAM and IGA delivery, client technical discovery, and solution demonstrations. Administered Okta OIG access certifications across 60+ applications and eliminated 400+ excessive entitlements. Experienced comparing identity solutions against business needs and translating requirements into implementation plans. CISSP and Okta Certified Professional.

SKILLS

Customer solutions: Client technical discovery, IGA solution comparison, IAM proof-of-concept demonstrations, requirements gathering, implementation planning, stakeholder communication

Workforce identity & governance: Okta OIG, access certifications, Microsoft Entra ID, Conditional Access, SSO, MFA, RBAC, Workday, Okta Workflows, SCIM, joiner-mover-leaver automation

Endpoint & cloud security: Microsoft Defender for Endpoint, EDR, Splunk, AWS, Microsoft Azure, cloud configuration reviews, risk assessment

EXPERIENCE

Senior Cloud Security Engineer — Miipe Quality Solutions

Mar 2024 – Present

- Built and presented IAM proof-of-concept demonstrations covering SSO, MFA, Conditional Access, and lifecycle automation, translating business requirements into implementation plans for engineering and security stakeholders.
- Configured and administered Okta OIG Access Certifications across 60+ applications, defining campaign scope, reviewer assignments, entitlement reviews, and remediation workflows; eliminated 400+ excessive entitlements and consolidated recurring access patterns into standardized RBAC groups.
- Cut average cloud security design approval time from approximately six weeks to three by introducing standardized requirements, acceptance criteria, decision logs, and cross-functional review sessions.
- Configured Microsoft Entra ID Conditional Access and phishing-resistant FIDO2 MFA for privileged users, enforcing device-compliance and location-based zero-trust controls across the Azure identity estate.
- Secured multiple SME and client sign-offs on end-to-end workflow maps by tracing user login flows, application processes, API integrations, database integrations, and dependencies across legacy and modern system layers, giving stakeholders a validated view of bottlenecks, visibility gaps, and improvement opportunities.

Cyber Security Consultant — PwC

Feb 2023 – Mar 2024

- Guided technical and business stakeholders through security findings, architectural trade-offs, and remediation priorities, turning assessment results into practical implementation roadmaps.
- Strengthened identity governance across SaaS applications by designing SSO, MFA, and RBAC patterns that standardized authentication and authorization controls.
- Automated joiner-mover-leaver processes by integrating Workday with Okta Workflows and SCIM, improving consistency across account provisioning, access changes, and deprovisioning.
- Reduced cloud-security risk across AWS and Azure by assessing configurations, validating control gaps, and working with system owners to prioritize remediation through closure.

Security Analyst — Acosta

Jan 2021 – Sep 2022

- Cut alert-to-triage time from 45 minutes to 12 by building Splunk correlation searches enriched with Microsoft Defender for Endpoint and Entra ID sign-in context, removing manual lookups for a six-person SOC.
- Investigated and documented 150+ incidents annually across phishing, malware, and unauthorized access in Microsoft Defender and Splunk, maintaining SLA compliance and updating 10 incident-response runbooks.
- Flagged an offboarding gap after finding three terminated contractors with active VPN access, then built a weekly automated audit reconciling HR records against Active Directory, closing a finding external auditors had raised twice.

Service Desk Analyst — Toronto Community Housing

Dec 2018 – Jan 2021

- Enabled secure access to business systems by processing user provisioning, password resets, and approved access requests.
- Improved service continuity by troubleshooting hardware, software, and connectivity issues, escalating complex incidents, and maintaining support documentation.

PROJECTS

Enterprise Hybrid Security Platform — Active Directory, Keycloak/Okta, Entra ID, Proxmox, AWS, Terraform

Personal project

- Built a hybrid identity platform integrating Active Directory with Keycloak/Okta for SSO, MFA, and RBAC, implementing a full joiner-mover-leaver lifecycle and least-privilege access across 10+ systems.
- Provisioned and governed hybrid Proxmox and AWS infrastructure (10+ VMs, WireGuard site-to-site) entirely as Terraform and Ansible code, applying secure-by-default configuration baselines.

EDUCATION & CERTIFICATIONS

M.S., Cybersecurity (in progress) — Georgia Institute of Technology, Atlanta, GA

Honours B.Com., Information Technology — York University, Toronto, ON

CISSP · AWS Certified Solutions Architect – Associate · Okta Certified Professional