Hashir Asad

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Profile

Information security professional with experience in **identity and access management**, **threat detection and response**, and **secure application development**, across enterprise banking and independent projects.

Education

Sheridan College Oakville, ON
Honours Bachelor of Science, Information Systems Security *2020 – 2024*

Experience

Identity & Access Management Consultant Aug 2025 – Apr 2026
CIBC *Toronto, ON*

- Led application onboarding into SailPoint, identifying process improvements across numerous applications.
- Managed entitlement reconciliation across 50 applications under an **expedited** timeline driven by senior management to meet audit requirements, reviewing thousands of descriptions to **improve usability** for end users.
- Resolved inactive account issues across **6** applications through consistent entitlement tracking and follow-up.
- Took initiative to refine outdated documents, supporting the team's quality of documentation.

Threat Researcher, Threat Detection & Response (Co-op) May 2023 – Dec 2023
CIBC *Toronto, ON*

- Researched MITRE ATT&CK TTPs to support threat analysis and detection logic.
- Helped the team adopt machine learning and automation to analyze data on an ongoing basis.
- Supported initiatives spanning threat detection & response, incident response, threat hunting, risk, and vendor management, setting a high standard for future interns.

Projects

Home Gym Booking System *Next.js, TypeScript, PostgreSQL (Supabase RLS), Vercel* Aug – Sep 2026

- Designed and shipped a booking platform with **RBAC** enforced in **PostgreSQL row-level security** rather than the application layer, so requests sent directly to the database API remain constrained by role
- Built a documented **threat model** mapped to **MITRE ATT&CK** covering privilege escalation, cross-user data access, and forged requests; implemented passwordless magic-link authentication, **SPF/DKIM/DMARC**, and least-privilege secrets handling with no service keys in code
- Verified controls with **116 automated database tests** covering privilege-escalation attempts, cross-user reads, and double-booking race conditions blocked by a **PostgreSQL exclusion constraint**

Leadership Experience

Youth Coordinator Apr 2021 – Present
ICNA *Toronto, ON*

- Grew and led a youth community of **300+** active members, overseeing programming and engagement
- Provided one-on-one mentorship and guidance for youth navigating personal and academic challenges

CTF Infrastructure Developer & Content Creator Apr 2021 – Apr 2024
ISSessions, Sheridan College *Oakville, ON*

- Created and presented workshops on cybersecurity topics, walking members through hands-on examples

Technical Skills

IAM / PAM: SailPoint IdentityIQ, CyberArk, Active Directory, Azure AD, IGA, RBAC, SAML, OIDC, OAuth 2.0
Security & Compliance: MITRE ATT&CK, SIEM, SOAR, NIST CSF, PCI DSS, SOC 2, ISO 27001
Cryptography: PKI, TLS/SSL, Certificate Lifecycle Management, HashiCorp Vault (familiar)
Automation & Data: Power Automate, Excel VBA, Power Query, Power BI, Python (pandas), SQL, PowerShell

Recognition

CIBC Moment Maker (x2) | **Exceptional Student** distinction from CIBC manager