

PATRICK NGENZI

SECURITY ADMIN 📍 CANADA - ON ☎ 6477837018

◦ DETAILS ◦

North Bay - ON
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Driving license
Full - G

◦ LINKS ◦

PORTFOLIO

[LinkedIn](#)

[GitHub](#)

◦ TECHNICAL SKILLS

CLOUD SECURITY:

Microsoft Azure (VM, NSG, Sentinel),
Entra ID (RBAC, PIM), M365 Defender

NETWORK SECURITY:

Fortinet/Palo Alto Firewalls,
Aerohive WAPs, IDS/IPS, VPN

IAM:

Active Directory, Entra ID, MFA,
Conditional Access, Least Privilege

TOOLS:

SolarWinds, ESET, PowerShell,
Python (Security Scripting), SQL
(Log Querying)

FRAMEWORKS:

NIST CSF, CIS Benchmarks

👤 PROFILE

Identity & Access Management (IAM) | Cloud Security (Azure) | Threat Mitigation
IT Specialist with 5+ years in identity and access management (IAM), cloud security (Azure), and threat mitigation. Proven track record in reducing incidents by 45% through security controls, user training, and Azure hardening. Skilled in Microsoft Defender, Entra ID, and firewall policies, with certifications in Security + and pursuing SC-300 (IAM).

📁 EMPLOYMENT HISTORY

Intermediate IT System Support at Near North District School Board, North Bay

Nov 2023 — Present

- Deployed SolarWinds & ESET to monitor 1000+ endpoints, mitigating 150+ malware incidents monthly.
- Hardened virtual machines and NSGs, blocking unauthorized access via conditional access policies.
- Resolved recurring site-to-site issues, achieving 13% fewer repeat incidents.
- Delivered cybersecurity awareness training for 12+ teachers, administrators, and students, covering phishing detection, password hygiene, and secure browsing, reducing reported suspicious incidents by 30%.
- Mentored school staff on cybersecurity best practices, including multi-factor authentication (MFA) and data protection policies, strengthening organizational resilience against threats.

Network Specialist - Bell, Hamilton

January 2022 — December 2023

- Led a knowledge-sharing initiative, decreasing team errors by 8%.
- Configured Fortinet/Palo Alto rules firewall rules, reducing attack surface by 25%.
- Implemented RBAC in Entra ID, cutting excessive permissions by 19%.
- Secured Aerohive WAPs with WPA3 encryption and VLAN segmentation to isolate guest/IoT devices.
- Automated user lifecycle management (onboarding/offboarding) with PowerShell scripts.
- Configured Microsoft Defender for Endpoint to detect and isolate compromised devices.

Technical Support Analyst I at SP Data Digital, Hamilton

February 2020 — January 2022

- Patched 50+ servers for critical vulnerabilities (e.g., Log4j), minimizing exploit risks.
- Resolved 95% of Tier I/II (e.g., account lockouts) tickets within 20 minutes.
- Reduced critical outages by 70% via system maintenance protocols.

Property Manager - North Bay - ON

January 2022 — February 2025

- Assessed 10+ third-party vendors for data privacy compliance (PIPEDA).
- Secured sensitive financial data and PII for tenants by implementing encrypted storage solutions and granular access controls, reducing unauthorized access attempts.
- Managed physical/digital property access system (keycards/CCTV), aligning with least-privilege principles.

🎓 EDUCATION: COMPUTER ENGINEERING, MOHAWK COLLEGE

Courses: Advanced Networks, Server Admin, Web Security

★ RELEVANT CERTIFICATE

CompTIA Security+ | Google Cybersecurity Certificate

SC-300: Microsoft Identity and Access Management (in Progress)

PROJECTS

Azure SIEM Lab

Built a log analysis system with Microsoft Sentinel to detect brute-force attacks.

Automated alerts for suspicious Entra ID logins using PowerShell.

Audited firewall rules against CIS benchmarks, closing 10+ misconfigurations.