MANU MOHAN │CYBER SECURITY SPECIALIST
PNPT | CRISC | SECURITY | CC

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PROFESSIONAL SUMMARY

Results-driven Cybersecurity Specialist & Internal Penetration Tester with proven expertise in vulnerability management, security architecture, and internal penetration testing. Skilled at bridging blue team and red team functions to enhance organizational security posture. Experienced in managing enterprise security controls, leading vulnerability remediation programs, and performing simulated internal attack scenarios.

PROFESSIONAL EXPERIENCE

Penetration Tester (Bell Canada)

Toronto, Canada | May 2025 – Present

- Conduct internal penetration testing on enterprise networks, systems, and applications to identify security weaknesses.
- Perform reconnaissance, exploitation, and post-exploitation using tools such as Nmap, BloodHound, CrackMapExec, Responder, Rubeus, Chisel, and Impacket.
- Execute Active Directory security assessments, including Kerberoasting, AS-REP roasting, and lateral movement testing.
- Collaborate with the blue team to verify remediation efforts and retest vulnerabilities.
- Deliver detailed vulnerability reports and provide actionable security recommendations to stakeholders.

Cybersecurity Specialist – (Bell Media)

Toronto, Canada | Aug 2022 – Present

- Lead Advanced Vulnerability Management program, including scanning (Tenable.sc/Nessus), prioritization, remediation tracking, and ServiceNow VR integration.
- Manage and govern security controls, including:
  • Firewalls: Palo Alto, Cisco ASA
  • EDR: SentinelOne, Microsoft Defender for Endpoint
  • Data Security & Compliance: Microsoft Purview, OneTrust
  • WAF: AWS WAF, F5 WAF
  • OS/Application logging and IAM/PAM solutions
- Support cross-functional teams in security projects such as MFA rollouts, WAF deployments, firewall risky rule remediation, and incident coordination.
- Conduct Secure by Design security reviews for new applications moving into production.
- Perform Application Security Maturity calculations and reporting.
- Oversee the security posture of 400+ applications and application components across the enterprise.

- Collaborate with the SOC and incident response teams to coordinate security efforts between application owners and security stakeholders.

IT Specialist (Bell Canada)
Toronto, Canada | Feb 2019 – Aug 2022
- Managed endpoint patching and mobile device security using UEM solutions.
- Administered AD accounts, groups, and security policies for access control.
- Delivered L3 support for escalated IT service requests.

Junior System Administrator (Legend3D)
Toronto, Canada | Apr 2017 – Sep 2018
- Managed Exchange mailboxes, network devices, and production systems.

Data I/O Technician (Legend3D)
Toronto, Canada | Apr 2016 – Mar 2017
- Ensured secure file transfers and monitored production render queues.

EDUCATION
Information Security Management – Fanshawe College, London, ON, Canada
Bachelor of Computer Application – M.G. University, Kerala, India

CERTIFICATIONS
PNPT – Practical Network Penetration Tester
CRISC – Certified in Risk and Information Systems Control (ISACA)
CompTIA Security+
Advanced Vulnerability Management Specialist – Bell University
Certified Cybersecurity – ISC2
Certified SAFe 6 Practitioner
NSE 3 Network Security Associate

TECHNICAL SKILLS
Pentesting Tools: Nmap, BloodHound, CrackMapExec, Responder, Rubeus, Chisel, Impacket
Vulnerability Management: Tenable.sc, Nessus, ServiceNow VR, Qualys
Data Security & Compliance: OneTrust, Microsoft Purview
Incident Response: SIEM (Splunk, QRadar), SOC collaboration, log analysis
Networking & Systems: Windows Server, Linux (Kali, Ubuntu), AD administration, OS hardening
Security Controls: EDR: SentinelOne, Microsoft Defender for Endpoint, Firewall: Palo Alto, Cisco ASA, WAF: AWS WAF, F5 WAF