Dinesh Chhetri

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Professional Summary

Cybersecurity Professional specializing in Identity & Access Management (IAM) and Privileged Access Management (PAM). Proficient in configuring Okta, Microsoft Entra ID (Azure AD), MFA, and SSO. Skilled in automating user provisioning/deprovisioning, conducting security audits (ISO 27001, SOC 2), and monitoring threats via SIEM tools. Passionate about reducing risk, enhancing compliance, and collaborating with cross-functional teams.

TECHNICAL SKILLS

- **Proficient in:** AZURE AD**,** Okta, RBAC, **C++**, Python, Weka, Linux, SQL, VPN, IDS/IPS, Nmap, Wireshark, Burp Suite, SIEM, AD-DS, TCP/IP, LDAP, MFA, SSO, HTML5, CSS, Power Bi, Selenium, Databricks, Threat Intelligence, IR, Cryptography
- **Exposure:** Java, C, PHP, Python, CyberArk, Hashi Corp Vault, Nmap, Metasploit, Fortinet, Palo Alto, ITIL, COBIT, JIRA, API integration, Data Loss Prevention

WORK EXPERIENCE

D & D ERP Consulting | Security Analyst (Co-op) | Brampton, ON   **Sep 2024 – Dec 2024**
- Deployed and managed user access controls within NetSuite, leveraging Role-Based Access Control (RBAC) and Multi-Factor Authentication (MFA).
- Automated onboarding/offboarding processes to ensure secure provisioning and deprovisioning of user accounts.
- Monitored security protocols (firewalls, IDS/IPS) to guard against external threats, reducing incident response time by 40%.
- Ensured compliance with GDPR and SOC 2 by conducting regular access reviews and maintaining audit trails for leadership.
- Created SQL Server Reporting Service (SSRS) dashboards to streamline security reporting, saving leadership over 200% in data analysis time.

S & S Bags and Business Supplies | Sr. Network Investigator | Toronto, ON   **July 2023 – Jan 2025**
- Implemented internal access control checks (e.g., system log monitoring) to identify unauthorized user activities and insider threats.
- Performed regular compliance audits on POS systems, ensuring proper user permission levels and reducing data misuse by 15%.
- Collaborated with store managers to train staff on phishing awareness, password hygiene, and best practices for secure asset management.

Little Flower School | IT Administrator | Bharatpur, Chitwan, Nepal   **Jan 2016 – Feb 2022**
- Managed Active Directory Domain Services (AD-DS) for 200+ user accounts, enforcing password policies and group-based access.
- Performed regular account audits to disable inactive users, ensuring minimal exposure to unauthorized access.
- Secured school data by implementing daily automated backups and antivirus updates, resulting in zero data breaches during tenure.
- Increased network uptime to 99.5% through proactive LAN monitoring and troubleshooting.

EDUCATION

Postgraduate in Cyber Security, Loyalist College in Toronto, *ON*   **May 2023- Dec 2024**
Bachelor's in information technology, Chitwan, Nepal   **June 2015- Apr 2019**

PROJECT WORK

Windows- XP Vulnerability Crack | Offensive Test| ([View Project Code](#))
- Use Metasploit in VM, to make shell session to make backdoor to access XP machine
- Crack all the users/administrator password to gain access using Cain-Abel

Microsoft Malware Analysis | Data Analyst | ([View Project Code](#))
- Used Python libraries to clean and explore data
- Used Deep learning model likes Tensor flow, Keras to do ensemble learning
- This project was highly appreciated by the Professor and achieved a mark of 100%.

Data Breach on Organization | Data Analyst | ([View Project Code](#))
- Used Python libraries to clean and explore data
- Used Deep learning model likes Tensor flow, Keras to do ensemble learning
- Use of XGBoost and support vector machine to create different instances to calculate, Accuracy, Confidence Matrix.

Research Paper

[Botnet Technology: A Persistent Threat to Digital Infrastructure](#)

Certifications

OSForensics Triage Certification (OSFTC)	July 2024
Cisco Verified- Ethical Hacker	July 2024
Configure SIEM security operations using Microsoft Sentinel certification	June 2024
SKF100- OWASP Top 10 Security Threats	May 2024
Fortinet Certified associate in cyber security	April 2024
ISC2- Certified in Cyber Security	April 2024