

Pemba Tshering Sherpa

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Kathmandu, Budhanilkantha-11 (Kapan, Paiyatar)

SUMMARY

Dedicated and results-oriented cybersecurity student seeking an entry-level SOC Analyst position. With a strong foundation in network security, incident response, and threat analysis, I am eager to apply my academic knowledge and technical skills to contribute to a robust security posture. Passionate about learning from industry experts and contributing to a secure digital future.

TECHNICAL SKILLS AND TOOLS

- **Network Analysis:** Packet Inspection (Wireshark), Anomaly Detection (Splunk)
 - **Networking:** CCNA knowledge, Digital forensics
 - **Security tools:** Kali Linux, Penetration Testing (Nmap, Burpsuite), Malware Analysis (IDA)
 - **Programming:** Python (Basic)
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PRJOECTS AND WORK HISTORY

Cybersecurity Projects/Reports

2022 - Present

- **DNS Interceptor:** Developed a Python-based tool to intercept DNS queries.
- **VAPT Report:** Conducted a vulnerability assessment on a Vulnhub machine and documented findings.
- **Social Media Usage Policy:** Drafted a comprehensive policy for organizational use of social media platforms.
- **Three-Tier Network Architecture:** Designed and simulated network architecture with Cisco Packet Tracer.
- **Malware Analysis Report:** Analyzed a malware sample and documented behavior and mitigation strategies.

Professional Experience

2021 - Present

Part-time assistant guide and email corresponding

- **Problem-Solving and Adaptability:** Successfully resolved client issues and adapted to dynamic, high-pressure environments with 90% trip success rate.
 - **Client Engagement:** Interacted with diverse international clientele, fostering strong professional relationships.
 - **Communication:** Managed email correspondence and provided clear, accurate information about trekking routes (Everest, Annapurna, and Manaslu).
 - **Transferable Skills:** Developed expertise in communication, problem-solving, adaptability, and attention to detail—skills critical for identifying and mitigating security incidents as a SOC Analyst.
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EDUCATION

Softwarica college of IT & e-commerce (2022-Present)

Bs. Hons in Cybersecurity and ethical hacking

NIST National School of Sciences (NSS) 2019-2021

High School Science Stream (Biology)

RELEVANT CERTIFICATIONS

- **Certified in Cybersecurity (CC)**
ISC2
- **Career Essentials in Cybersecurity by Microsoft**
Microsoft and LinkedIn
- **SSCP ISC2**
In Progress

EXTRACURRICULAR ACTIVITIES

- **Participation in Various CTF by Softwarica**
Softwarica college of IT and e-commerce
- **Participation in Softwarica TechEx 2024**
Representing Ethical batch with project on network security
- **Participation in Various OWASP Meetups and CTF challenge**
Softwarica college and Security Pal
- **Hosted Cultural Program As an Emcee**
Nepal Sherpa Student Association