

KRIPESH ACHARYA

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<https://www.linkedin.com/in/kacharya25/> [Portfolio](#) [GitHub](#)

EDUCATION

Mercy University,
Master of Science in Cybersecurity | **GPA:** 3.9
Relevant Courses: C/C++, Python, Networking & Data Communication, Database Security, Info Assurance & Management, Firewall & Intrusion Detection, Applied Cryptography, Wireless Network Security

Dobbs Ferry, NY
August 2023 - December 2024

Leeds Beckett University
Bachelor of Science in Computing & Network Engineering | **GRADE:** First Class Honors
Relevant Courses: Digital Security, Advanced Database System, Networking, Network Security, Cloud Computing, SDLC, Project Management, Client/Server Computing
Course Works: Network Simulator: Cisco Packet Tracer, GNS3, Google Cloud, Red Hat Server, Windows Server 2012 R2

Kathmandu, Nepal
January 2018 - April 2022

TECHNICAL SKILLS

Operating Systems: Windows (7/10/11, Server 2012/2016/2019), macOS, Red Hat Linux
IT Support & Troubleshooting: Ticketing Systems, Hardware & Software Diagnostics, User Training
Microsoft Technologies: Microsoft 365, Active Directory, Intune
Networking: VPN, Firewalls, Wi-Fi Access Points, DNS, DHCP, TCP/IP
Security & Compliance: Patch Management, SIEM (Splunk), Endpoint Protection

CERTIFICATIONS

- Certified in Cybersecurity (ISC2)
- Certified Fundamentals in Cybersecurity (Fortinate)
- Ethical Hacker (CISCO)
- Blue Team Junior Analyst Training (SBT)
- Risk Management Framework (NIST)
- Certified Network Security Specialist (ICSI)

EXPERIENCE

Vianet Communication
Network Security Technical Executive

Lalitpur, Nepal
March 2020 - November 2021

- Configured and managed security devices, including firewalls (PfSense), Network Servers, Virtualization technologies, IDS/IPS, and VPNs, improving network up time by 15%.
- Managed and resolved Security tickets, troubleshooting software, hardware, and network-related issues.
- Administered Active Directory and Group Policy to enhance identity and access management.
- Conducted security assessments and vulnerability management using Splunk, OpenVAS, and Nessus, identifying and mitigating 15+ critical risks.
- Implemented security protocols, conducted risk assessments, and oversaw security audits.

Visva Technikos
System Administrator

Kathmandu, Nepal
January 2019 - November 2019

- Configured Windows Server 2012 R2 and Red Hat Linux, enhancing server performance and minimizing downtime.
- Performed network infrastructure maintenance and communication protocol configurations to support security initiatives.
- Created and maintained project documentation, inventory records, and detailed change logs for audit purposes.
- Diagnosed and resolved over 200 system/network issues, ensuring high system uptime.

PROJECTS

- Microsoft Intune & Endpoint Management**
Configured Intune policies for device compliance, software deployment, and security baselines, enhancing enterprise endpoint security.
- Active Directory & Group Policy Implementation**
Deployed GPOs to enforce security policies, minimizing unauthorized access incidents.
- SIEM & Log Analysis with Splunk**
Integrated Splunk for real-time log analysis and threat detection, improving incident response time.
- AWS IAM Configuration & Security Management**
Configured IAM roles, policies, and permissions to secure cloud resources and minimize security risks.
- Home Lab Setup for Cybersecurity Research**
Built a home lab to test vulnerability scanning, intrusion detection, and firewall configurations.
- Cybersecurity Awareness Training Delivery**
Designed and delivered workshops for over 50 students, enhancing awareness of social engineering attacks.