

AABHASH PAUDEL

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WORK EXPERIENCE

Cyber Security Intern,

July 2024 - Sept 2024

IIITD with APSHE and Blackbucks Engineering virtual Internship

- Conducted over 20 penetration tests using Metasploit and Burp Suite.
- Identified and reported 10+ critical vulnerabilities, including SQL injection and misconfigured authentication mechanisms
- Performed detailed log analysis and network traffic monitoring to trace attack patterns, suspicious activities, and potential intrusion attempts.

Teacher

Candid Career Secondary School | F091, Suryabinayak, Nepal

- Taught 100+ students in Computer Science, Mathematics, and Science (Grades 6–10).
- Provided mentorship and guidance to improve students' technical skills.
- Designed 5+ interactive lesson plans integrating Information Technology and Cybersecurity concepts.

EDUCATION

Nov 2022 - April 2026

Bachelor in Computer Science & Engineering (Cybersecurity Specialization)

Sri Venkateswara College of Engineering and Technology Andhra Pradesh, India

- GPA: **8.16**

(Affiliated with **Jawaharlal Nehru Technological University , Anantapur**)

PROJECT

In-Depth Vulnerability Scanner

(Python, Metasploit)

- Built a custom automated vulnerability scanner integrating Nmap + Metasploit.
- Reduced manual vulnerability assessment time by 60%.
- Detected 15+ security flaws in a simulated enterprise network.
- Logged results in a structured format similar to SOC alert reports.

Server Professional | L&T EduTech Submission

- Configured Active Directory and implemented Group Policies for security hardening.
- Enforced password policies, authentication rules, and disabled insecure configurations.
- Simulated a multi-user enterprise environment using VirtualBox.

SKILLS

Cybersecurity / SOC Skills

- Log analysis, alert investigation, event triage
- Phishing email analysis, web attack detection, IOC identification
- MITRE ATT&CK, Cyber Kill Chain, OWASP Top 10

Tools

- Splunk, ELK Stack, LetsDefend SIEM, Security Onion
- Burp Suite, Nmap, Wireshark, Metasploit

Programming Languages

- Java, Python, HTML, CSS, JavaScript, Shell, SQL

CERTIFICATES

- Linux System Administration — Certification L&T Edutech
- Secure Networking — Certification by L&T Edutech
- SOC Analyst Learning Path (In Progress)
- MITRE ATT&CK Framework - By Lets Defend

AWARDS

HTB ACOLYPSE CTF 2025 — HackTheBox

173 Global Rank