

# 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