

ANANT KUMAR PANDEY

CONTACT

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(Portfolio)

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CERTIFICATES

Google Cybersecurity Professional

C | CT (EC-Council) – In Progress

SKILLS

Cybersecurity & Network Security:

Knowledge of threat analysis, risk assessment, reconnaissance, and secure data hiding techniques. Hands-on with Active Directory attacks & defences (C | CT – In Progress).

Tools & Technologies: Wireshark, Nmap, Burp Suite, Metasploit, OpenSSL, Nessus, Shodan, AD tools, OSINT & Recon frameworks.

Programming & Scripting:

Proficient in Python, Java, C; developed CLI & GUI-based tools for automation and security. Basic knowledge of C++, SQL, JavaScript, and database security.

EDUCATION

- **Bachelor of Technology (B. Tech)** | 2022 – Present
[Trident Academy of Technology, Bhubaneswar] | Current SGPA: 8
- **Higher Secondary (12th)** | 2022
St. Mary's Higher Secondary School, Jharsuguda, Odisha | 90%
- **Secondary (10th)** | 2020
St. Mary's Higher Secondary School, Jharsuguda, Odisha | 92.4%

PROJECTS

- **StegoHide – Python, OpenCV, Tkinter, PIL**
GUI tool for hiding/extracting text in images using pixel encoding and password protection.
- **CLI Web Crawler – Python, Requests, BeautifulSoup, urllib**
Terminal-based tool to discover links and extract URL parameters for recon and scanning.
- **AD Attack-Defense Lab – Windows Server, Kali, BloodHound**
Simulated AD lab with domain controller, attack paths, and layered defense setup.

EXPERIENCE

- **Cyber Security Intern**
Teachnook | Remote | Feb – Mar 2025
Simulated real-world attacks, exploited OWASP Top 10 vulnerabilities, and built a **Python-based CLI web crawler** for reconnaissance.
Used tools like **Burp Suite, Nmap, Metasploit** to identify and exploit security flaws.
Strengthened skills through CTFs, recon, and ethical hacking labs.
Skills: Offensive Security · Web Pentesting · Python · Reconnaissance
- **Cyber Security Intern**
AICTE – Edunet Foundation | Remote | Jan – Feb 2025
Built a **Python steganography tool** using AES/RSA for secure data hiding.
Explored network security, vulnerability assessment, and threat detection using **Wireshark, OpenSSL, Nmap**.
Skills: Cryptography · Network Security · Threat Analysis · Python Security Tools