

ANMOL KUMAR

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PROFESSIONAL SUMMARY

Cybersecurity Engineer specializing in **OSINT automation, threat detection, security monitoring, incident response and network security**. Ranked in the **Top 15%** on TryHackMe with **55+ completed labs**. Skilled in **OWASP Top 10 testing, reconnaissance**, and **security alert triage** with foundational exposure to **cloud security** and **IAM concepts**. Strong analytical mindset with proven **CTF** participation experience.

TECHNICAL SKILLS

- **Programming & Scripting:** Java, Python, SQL
- **SIEM & Monitoring:** Splunk (Fundamentals), Microsoft Sentinel (Concepts)
- **Security Tools:** Nmap, Burp Suite, Wireshark, ffuf, Metasploit, Gobuster, OWASP ZAP
- **OS & Networking :** Linux, Windows, TCP/IP, VPC networking, DNS, Cisco Networking fundamentals
- **Security Concepts:** OWASP Top 10, Vulnerability Assessment
- **Threat & Incident Response:** Phishing Analysis, MITRE ATT&CK Framework, Threat Intelligence

EXPERIENCE

- **Cybersecurity Virtual Internship (Mastercard Job Simulation)** — (04/2024) Certificate
 - Simulated SOC analyst workflow: **detected, analyzed, and escalated** 5+ phishing threats for Mastercard's Security Awareness Team.
 - Performed email header analysis and phishing artifact identification, mapping findings to **MITRE ATT&CK**.
 - Identified and reported **5+ phishing attempts**, leading to improved threat detection accuracy.
 - Designed **3 targeted awareness programs** to strengthen employee cybersecurity posture.

PROJECTS

- **Subdomain Enumeration Tool (Python | OSINT | Streamlit)** — Group Project (04/2024) Github
Web App
 - Automated **OSINT-based subdomain discovery**, scanning **500+ subdomains/hour** with **99% accuracy**.
 - Integrated multithreading to boost performance by **40%** and added **CSV export** for reporting.
 - Enhanced **API reliability** and implemented detailed **error handling** for large-scale scans.
- **Secure Password Vault (Java | Cryptography | GUI + CLI)** — Personal Project (Ongoing)
 - Built an offline password manager using **AES-128-GCM encryption & PBKDF2 key derivation** for secure data handling.
 - Developed dual interfaces (**CLI + GUI**) for accessibility and improved UX.
 - Added **rate limiting** and **encrypted backups** for reliability and data safety.
 - Applied **Java Cryptography Architecture (JCA)** standards for secure implementation.

EDUCATION

- **Bachelor of Technology (CSE - Cyber Security)**
Haldia Institute of Technology | 2022 - 2026 | 6.94 (till 7th semester)
- **Higher Secondary - Jamunilal College, Hajipur** | 2021 | BSEB | 62.4%
- **Secondary - Janta High School, Musepur** | 2019 | BSEB | 71.8%

CERTIFICATIONS & ACHIEVEMENTS

- **Network Technician Career Path** | 02/ 2025 Certificate
Cisco Networking Academy
- **Pre Security** | July 2025 Certificate
TryHackMe
- **Top 15% | 55+ Rooms Completed | Bronze League 1st place** | 2026 Profile
TryHackMe
- **Hackathon - CTF** | 2025 Certificate
KPMG
- **Certified in Cybersecurity (CC) — In Progress** Certificate
ISC2

LEADERSHIP

- **Event & Management Head, IEEE HIT SB**
 - Organized **5+ tech events** with **100+ participants**, managing team logistics, event flow, and technical sessions.