ARMAN MISHRA

ENKIDU | PENETRATION TESTER | SECURITY RESEARCHER

arman.mishra.dev@gmail.com | LinkedIn | GitHub

PROFESSIONAL SUMMARY

CPTS-certified penetration tester and BCA Cyber Security student with hands-on experience in independent vulnerability disclosure, paid bug bounty findings, CTF challenge development, and Active Directory lab engineering. Builds security tools and tests web, network, Windows, Linux, and Active Directory environments. Focused on evidence-led enumeration, vulnerability validation, privilege escalation, lateral movement, and technical reporting.

TECHNICAL SKILLS

Programming: Python, C/C++, Bash
Reconnaissance & Web: Nmap/NSE, RustScan, Burp Suite, ffuf, Feroxbuster, Gobuster, dirsearch, Nuclei, Nikto, SQLmap
Active Directory & Windows: NetExec, Impacket, BloodHound, Certipy, bloodyAD, Kerbrute, enum4linux-ng, Windapsearch, RustHound-CE, Evil-WinRM, Responder, Pypykatz
Post-exploitation & Network: Metasploit, Ligolo-ng, Wireshark, Hashcat, John the Ripper, Hydra
Personal Tools: Shredder, Ink

SECURITY RESEARCH & CONTRIBUTIONS

INDEPENDENT SECURITY RESEARCHER | Independent vulnerability disclosures

- Independently reported approximately 5–6 security findings; 2 resulted in paid bounty awards.
- Conducted independent vulnerability hunts, validated findings, and submitted vulnerability reports.

CTF CHALLENGE DEVELOPER & TECHNICAL CONTRIBUTOR | Script Jackers × GCS / HackVerse

- Developed forensic challenges at Medium, Hard, and Extreme difficulty, plus Easy, Medium, and Hard boot-to-root boxes spanning web and network concepts.
- Contributed to HackVerse CTF platform development; received an appreciation letter from Ginius Cyber Security Council (8 October 2026).

SELECTED PROJECTS & PRACTICAL EXPERIENCE

CUSTOM ACTIVE DIRECTORY ATTACK LAB

- Designed and compromised an isolated environment with RA01 as domain controller, Horus01 and Osiris01 as workstations, and four domain users.
- Demonstrated attack paths involving Windows Credential Manager, LNK abuse, Kerberoasting, LLMNR poisoning, and NTLM relay.

SHREDDER | RECONNAISSANCE TOOL

- Built a Python reconnaissance tool combining fast port discovery, Nmap fingerprinting, script-based enumeration, and evidence-led triage. GitHub repository

INK | CREDENTIAL NOTEBOOK

- Built a SQLite-backed CLI utility to organize discovered identities, credentials, authentication validation, and credential-reuse observations.

PRACTICAL PENETRATION TESTING | CPTS & HTB

- Hands-on testing across web, network, Windows, Linux, and Active Directory labs, including enumeration, exploitation, privilege escalation, lateral movement, and Ligolo-ng pivoting.

CERTIFICATIONS & ACHIEVEMENTS

HTB Certified Penetration Testing Specialist (CPTS) | Verify credential **TCM Security PJPT** | Verify credential

CTF achievements: 9 CTF victories, including 5 national competitions.

EDUCATION

Bachelor of Computer Applications (BCA), Specialization in Cyber Security | Lovely Professional University

Expected graduation: 2028