Debangshu Roy
debang5hu.github.io | roydebangshu22@gmail.com | West Bengal, India

Objective

Experienced in network, web application (API-focused) and Active Directory penetration testing with hands-on-skills developed through solving Hack The Box ,developing CTF challenges and bug hunting. Proficient in automating workflows with Python and Bash, and possesses foundational knowledge of Docker security.

Technical Skills

- VAPT
- API Testing
- OWASP Top 10
- Network Penetration Testing
- Web Application Penetration Testing
- Active Directory Penetration Testing
- Languages: Python, C++, Bash
- Others: Linux, Windows,SQL,Git,Github,Docker,Podman
- Tools: Nmap, OpenVAS, BurpSuite, BloodHound, Postman, Wireshark, Metasploit

Education

B.Tech in Computer Science Engineering (2022 -2026)
Sister Nivedita University (CGPA: 7.9), Kolkata

Techno India Group Public School (2020 - 2022)
Senior School Certificate Examination (Percentage: 85.4%), Siliguri

Experience

ZeroDay Alliance – CTF developer
kolkata | Aug 2024 - Present
- Working as a CTF developer, creating challenges with a focus on web,network, and binary exploitation categories.
- Writeup: https://github.com/Debang5hu/ctf-writeups/blob/main/writeups/timeb0mb.md

Projects

Keylogger

- It logs keystrokes and collects unique clipboard data, which is then periodically sent to the attacker's Telegram account to make it appear legitimate.
- Source: https://github.com/Debang5hu/keylogger

Wushi

- It features a collection of honeypot services designed to mimic vulnerable systems and capture attempted attacks, with a focus on HTTP and SSH services.
- Source: https://github.com/Debang5hu/wushi

Certifications

- Microsoft Certified: Security, Compliance, and Identity Fundamentals
- FullHouse - Hack The Box