

PANKAJ KUMAR

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PROFESSIONAL SUMMARY

Highly motivated Cybersecurity Analyst & Penetration Tester with hands-on experience in VAPT, Android Security, Web & API Testing, and Red Teaming. Skilled in identifying and exploiting real-world vulnerabilities to strengthen system defenses. Adept at using tools like Burp Suite, Frida, Metasploit, Nessus, and Nmap to perform in-depth assessments. Passionate about offensive security, exploit development, and security automation.

EXPERIENCE

Penetration Tester — Bugstrace (formerly Armoly) | Freelance | Ongoing

- Conduct comprehensive VAPT for web, mobile, API, and network infrastructures in alignment with OWASPTop 10.
- Identify and exploit vulnerabilities (SQLi, XSS, CSRF, IDOR, SSRF).
- Perform Android app testing (Frida, Drozer, MobSF).
- Execute network/server exploitation and develop custom automation scripts.

Cybersecurity Analyst Intern — ASD Cybersecurity and Consultants | Oct 2024 – Apr 2025

- Performed web and Android penetration testing.
- Detected critical vulnerabilities and provided detailed mitigation.
- Conducted API and network assessments on 350+ IPs.

PROJECTS

SkyHawk — Drone Detection & GPS Alert System

Developed an IoT-based drone detection system using ESP32, NEO-6M GPS, SIM800L GSM, and NRF24L01 RF modules for real-time tracking and GSM alerts.

Web & API Security Assessments (15+ Projects)

Performed OWASP-based testing on production-level systems; identified vulnerabilities and verified patches.

Android Application Security Testing (3 Projects)

Performed reverse engineering, static/dynamic analysis using Drozer, Frida, and MobSF.

TECHNICAL SKILLS

VAPT | Web, Mobile, API, and Network Pentesting | Burp Suite | Metasploit | Frida | MobSF | Nmap | Nessus | SQLmap | Kali Linux | Red Teaming | Exploit Development | Python | Bash

EDUCATION

B.Tech – Computer Science & Engineering (Data Science + AI)

Shri Ramswaroop Memorial University (2020–2024)

CERTIFICATIONS

- Cybersecurity Specialization – ASD Cybersecurity & Consultants
- SEATS Program – HNBGU
- Software Development for Facial Identification in Humanoid Robots – Supervisor Training Center Lucknow