Akshat Sharma

Cybersecurity Analyst — Penetration Tester — Security Researcher

☎ 8619705789 ✉ akshat.studyzone@gmail.com in linkedin.com/in/akshat-sharma ⦿ Jaipur, Rajasthan, India

Professional Summary

Security-focused developer and certified penetration tester specializing in vulnerability assessment and web application security. Proven track record in bug bounty programs and security testing with hands-on experience in identifying and exploiting critical vulnerabilities. Strong programming foundation complemented by practical security research and competitive coding achievements.

Education

Jaipur National University — *Jaipur, Rajasthan*

Bachelor of Computer Application - Cyber Security Specialization — *Aug 2024 – May 2027*

- GPA: 8.24/10
- Key Coursework: Network Security, Ethical Hacking, Cryptography, Secure Software Development, Digital Forensics

Technical Expertise

Security Arsenal: Burp Suite, Metasploit, Nmap, Wireshark, OWASP ZAP, Nessus, Kali Linux, Nikto, SQLmap

Programming Languages: Python, C/C++, SQL, Bash, Java

Core Security Skills: Vulnerability Assessment & Penetration Testing (VAPT), Web Application Security, Network Security, Bug Bounty Hunting, Security Auditing, Threat Analysis, Incident Response, OWASP Top 10

Database & Systems: MySQL, PostgreSQL, Oracle Database, Linux (Kali, Ubuntu), Windows, macOS

Additional Technologies: Git/GitHub, TCP/IP, Cloud Security (AWS, Azure), Secure Coding Practices

Experience

SK Finance Ltd. — *Jaipur, Rajasthan*

Cyber Security & IT Compliance Intern — *Jan 2026 – Feb 2026*

- Gained hands-on experience in cybersecurity practices and IT compliance processes
- Assisted in security assessments and understanding organizational security frameworks
- Worked with team on real-world security implementations and compliance checks
- Learned industry-level risk management and data protection practices

Security Projects

Keylogger Detection Tool | *Python* — **2024**

- Built system-level monitoring tool to detect keylogging behavior
- Analyzed malware patterns and implemented basic countermeasures

Password Strength Analyzer | *Python* — **2025**

- Developed entropy-based password checker with security scoring
- Provided recommendations to prevent brute-force attacks

Log Analyzer | *Python* — **2025**

- Created tool to detect suspicious login attempts and anomalies
- Automated alerts for potential security threats

Professional Certifications

Vulnerability Assessment & Penetration Testing (VAPT) | *Udemy*

Oracle Data Platform 2025 Certified Foundations Associate | *Oracle*

Build Cybersecurity Resilience in K-12 Classrooms | *Microsoft*

Advanced C++ Training | *Spoken Tutorial (IIT Bombay)*

C Programming Training | *Spoken Tutorial (IIT Bombay)*

Achievements

Winner - Code War Hackathon | *RIET, Jaipur*

- Demonstrated exceptional problem-solving abilities and secure coding practices under pressure

Additional Information

Languages: English (Fluent), Hindi (Native)

Interests: Music, Creative Writing, Security Research

Availability: Immediately available for internship opportunities

Open to roles in: Cybersecurity Analysis — Penetration Testing — Security Engineering — Bug Bounty Programs