

WASIM KHAN

INFORMATION SECURITY ANALYST

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PROFESSIONAL SUMMARY

Results-driven Information Security Analyst with proven expertise in end-to-end Vulnerability Assessment and Penetration Testing (VAPT) across web, mobile, and enterprise network environments. Specialized in uncovering and remediating critical OWASP Top 10 vulnerabilities alongside advanced Active Directory (AD) exploitation techniques. Highly proficient with industry-leading security toolchains, delivering precise threat assessments for corporate and freelance engagements. Committed to proactive threat hunting, infrastructure hardening, and translating complex security findings into actionable remediation strategies.

CORE COMPETENCIES & TECHNICAL SKILLS

- Web Application Penetration Testing
- OWASP Top 10 (SQLi, XSS, IDOR, CSRF)
- Android Mobile Penetration Testing
- Reverse Engineering & Static Analysis
- Burp Suite Pro, Metasploit Framework
- Nmap, Nikto, FFUF, Gobuster
- MobSF, Jadx, Frida
- Active Directory (AD) Penetration Testing
- Network Scanning & Enumeration
- Endpoint Security & Hardening
- Threat Hunting & Intelligence Analysis

PROFESSIONAL EXPERIENCE

Cyber Security Researcher | IEMLABS (Kolkata, India)

Feb 2023 – Sept 2023

- Conducted comprehensive web application security audits to identify and remediate critical OWASP Top 10 vulnerabilities, delivering CVSS-scored findings.
- Executed multi-phase Active Directory (AD) penetration testing, mapping attack paths (Kerberoasting, Pass-the-Hash) and providing remediation strategies.
- Led proactive threat-hunting campaigns using behavioral analytics to detect and neutralize intrusion attempts and lateral movement.
- Utilized advanced security toolkits (Burp Suite Pro, Metasploit, Nmap, Frida) for deep-dive technical assessments and exploit PoC development.
- Performed Android mobile penetration testing, including APK decompilation, dynamic instrumentation, and static code analysis.
- Authored technical vulnerability reports and executive briefings with clear remediation timelines and risk prioritization.

- Delivered full-lifecycle VAPT engagements and strategic cybersecurity consultancy, designing tailored remediation roadmaps for clients in tech, telecom, and AI.
- **Audio Magic (Web App & API Security):** Conducted black-box web app and API penetration testing, uncovering high-severity flaws (IDOR, XSS, privilege escalation) and providing structured remediation reports.
- **Airtel Bharti (Network & Endpoint Security):** Executed comprehensive network infrastructure audits and AD configuration assessments, identifying vulnerabilities and implementing robust CIS-aligned security policies.
- **Cerebra AI (Web App & Cloud Security):** Performed in-depth grey-box penetration testing on an AI-powered SaaS platform, uncovering critical vulnerabilities (SQLi, BOLA) and integrating security controls into the SDLC.

CERTIFICATIONS

- Introduction to Dark Web, Anonymity & Cryptocurrency | EC-Council (2023)
- Cybersecurity for Business - The Fundamental Edition | EC-Council (2023)
- Diploma in Cyber Security | Indian School of Ethical Hacking (ISOEH) (2021-2022)

EDUCATION

Diploma in Cyber Security	
Indian School of Ethical Hacking, Kolkata	2021 – 2022
Bachelor of Science (B.Sc.)	
University of Gour Banga, West Bengal	2018 – 2020

LANGUAGES

English | Hindi | Bengali