

WASIM KHAN

CYBER INVESTIGATOR | INFORMATION SECURITY ANALYST

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PROFESSIONAL SUMMARY

Cyber Investigator and Information Security Analyst with experience across cyber investigations, digital forensics, vulnerability assessment and penetration testing (VAPT), network security, and web and mobile application development. Skilled in assessing web, mobile, and enterprise environments, identifying security weaknesses, supporting threat investigations, and translating findings into practical remediation guidance.

CORE COMPETENCIES & TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

Cyber Investigator & Information Security Analyst | Integrated Cyber Nexus (ICN)

Aug 2026 - Present

- Cyber investigation casework and analytical support as part of the ICN team in Kolkata.
- Information security analysis, threat assessment, and infrastructure advisory work.
- Vulnerability assessment, penetration testing, and enterprise network security reviews.
- Building security tools and web/application solutions for active engagements.

Cyber Security Consultant (Freelance) | Independent Practice

Sep 2023 - Aug 2026

- Delivered full-lifecycle VAPT engagements and cybersecurity consultancy for clients in technology, telecom, and AI, with tailored remediation roadmaps.
- Audio Magic - black-box web application and API testing; identified IDOR, XSS, and privilege-escalation issues and prepared remediation reports.
- Airtel Bharti - network infrastructure audits and Active Directory configuration assessments; identified weaknesses and supported CIS-aligned security policies.
- Cerebra AI - grey-box assessment of an AI SaaS platform; identified SQL injection and BOLA risks and advised on SDLC security controls.
- Multiple engagements with state and government agencies in India; agency names withheld for confidentiality.

WASIM KHAN | PROFESSIONAL EXPERIENCE

Cyber Security Researcher | IEMLABS, Kolkata

Feb 2023 - Sep 2023

- Conducted web application security audits for OWASP Top 10 vulnerabilities and delivered CVSS-scored findings.
- Performed Active Directory penetration testing, mapped Kerberoasting and Pass-the-Hash attack paths, and recommended mitigations.
- Led threat-hunting campaigns using behavioral analytics to identify intrusion attempts and lateral movement.
- Used Burp Suite Pro, Metasploit, Nmap, and Frida for technical assessments and proof-of-concept development.
- Performed Android mobile testing, including APK decompilation, dynamic instrumentation, and static code analysis.
- Prepared technical vulnerability reports and executive briefings with remediation timelines and risk prioritization.

PROJECTS

RequirtiQ

BUILT

HR/recruitment tool that screens batches of resumes/CVs and helps identify best-matched shortlisted candidates in roughly 5-10 seconds.

PenAudit Core

BUILT

Report automation tool that turns assessment/scanner output into a polished VAPT report in the selected company format in roughly 5-10 seconds.

CYPREVENT vs SCAM LORD

IN DEVELOPMENT

Cybersecurity awareness game designed to teach players to spot fake QR codes, scam messages, unsafe files, viruses, and malware.

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

2021 - 2022

Indian School of Ethical Hacking, Kolkata

Bachelor of Science (B.Sc.)

2018 - 2020

University of Gour Banga, West Bengal

LANGUAGES

English | Hindi | Bengali