VISHRANT KHANNA

Delhi-NCR, India | vishrantkhanna18@gmail.com | linkedin.com/in/vishrantkhanna

PROFESSIONAL EXPERIENCE

British Telecom   Gurugram, Haryana
Senior Cyber Security Engineer   September 2024 - Present
- Led the development and implementation of advanced security architectures, including high-level (HLD) and low-level (LLD) designs for Out of band solution, Opengear.
- Spearheaded cross-functional collaboration with project managers and technical teams to integrate comprehensive security measures into new services, enhancing overall service security and delivery.
- Served as the technical designer for the launch of Cisco Security Cloud Control (previously CDO) in BT's managed firewall service offering.

Cyber Security Engineer   July 2022 - August 2024
- Created comprehensive high-level (HLD) and low-level (LLD) design documents for Fortinet NGFW, addressing customer needs and enhancing security solutions.
- Collaborated with various teams, including project managers, to ensure security requirements were integrated into new services, leading to cohesive and secure service delivery.
- Established and maintained a comprehensive cross-functional testing environment for Fortinet products, rigorously testing FortiGate firewalls to ensure reliability and effectiveness.
- Assessed new technologies and processes to boost security capabilities, strengthening system resilience.
- Managed critical assets, monitored alerts, and resolved issues promptly to ensure smooth data center operations.
- Designed solutions that balanced business and cybersecurity requirements, optimizing both security and business performance.

Ernst & Young LLP,   Mumbai, Maharashtra
Cyber Security Consultant   January 2022 - July 2022
- Spearheaded third-party risk assessment for 26 vendors across industries (technology, warehousing, logistics) for India's top e-commerce company considering ISO 27001/27002, and global privacy laws (GDPR, CCPA).
- Optimized the vendor questionnaire for Logistics vendors, and updated the list of evidence for better assessment.
- Trained the team on OWASP Top 10:2021 highlighting the importance of web application security.
- Guided vendors by identifying security design gaps in existing and proposed architectures, and recommending changes and enhancements in their cybersecurity posture to align with global standards and best practices.

EDUCATION

Government Law College   Mumbai, Maharashtra
Diploma in Cyber Law | GPA: 7.2/10   2024 - 2024

National Forensic Sciences University   Gandhinagar, Gujarat
Masters in Cyber Security Management | GPA: 8.91/10   2020 - 2022

Manav Rachna International University   Faridabad, Haryana
B.Tech. in Computer Science with specialization in Cyber Security and Forensics   2016 - 2020

CERTIFICATIONS

CompTIA Security+	Fortinet Certified Professional - FortiGate Administrator
ISC^2 Certified in Cybersecurity (CC)	ISEA Certified Cyber Hygiene Practitioner

PROJECTS

Analyzing a Security Incident in SOC: Leveraged Splunk's Security Suite and other resources to answer questions about the security incident.

Exploit Development: Developed exploit to overflow buffer space into extended intrusion pointer (return address) and gain reverse shell by calling malicious script.

Vulnconnect: Developed a bash script that figures out which ports might be open on a server. Runs Netcat and connects with the vulnerable server.

Secure Password Generator: Developed a tool for creating strong passwords that can run locally on a machine.

SKILLS

Cyber Posture Assessment	ISO 27002	Python
Third Party Risk Assessment	IT Audit	Fortinet
Cyber Security Consulting	Kali Linux	NGFW (Next-Generation
ISO 27001	Metasploit	Firewall)

EXTRACURRICULAR

- Top 5% among 2,000,000+ hackers on TryHackMe.
- ICCS 2019 at NIT Kurukshetra: Design of Blockchain Framework for Real Estate. The academic publication has been downloaded more than 200 times. Link: papers.ssrn.com/sol3/papers.cfm?abstract_id=3511424
- Applied design thinking to create inclusive solutions for visually impaired individuals at MIT India Initiative.
- National Cyber Security Awareness Month: 1st among 33 students in Cyber Security Table-Top Exercise, 2nd in Cyber Adalat (Forensics Researcher) at National Forensic Sciences University.
- Organized events across Africa, North America, and India including MIT Media Lab's Reality Virtually Hackathon enabling 20,000+ developers to learn virtual, augmented, and mixed reality for free at VR|AR|MR
- **Hobbies:** Reading non-fiction books, backpacking around India, blogging, and cricket.