

VISHRANT KHANNA

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PROFESSIONAL EXPERIENCE

British Telecom

Gurugram, Haryana

Cyber Security Engineer

July 2022 - Present

- 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

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

ISC² 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

NGFW (Next-Generation

Technical Documentation

Kali Linux

Firewall)

ISO 27001

Metasploit

Fortinet

Python

Cyber Posture Assessment

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 190 times. Link: papers.ssrn.com/sol3/papers.cfm?abstract_id=3511424
- Applied design thinking principles 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.