

VISHRANT KHANNA

Gurugram, India | vishrantkhanna18@gmail.com | linkedin.com/in/vishrantkhanna

PROFESSIONAL EXPERIENCE

British Telecom

Gurugram, Haryana

Senior Cyber Security Engineer

September 2024 - Present

- Designed and implemented high-level (HLD) and low-level (LLD) designs for Out of band solution (Opengear), improving remote access reliability by 35%.
- Spearheaded cross-functional collaboration with project managers and technical teams to integrate comprehensive security measures into new services, enhancing overall service security and delivery.
- Designed and launched Cisco Security Cloud Control (formerly CDO) in BT's managed firewall services, cutting configuration errors by 40%.

Cyber Security Engineer

July 2022 - August 2024

- Created HLD & LLD design documents for Fortinet NGFW, enhancing security solutions and addressing customer needs.
- Built and maintained a testing environment for Fortinet products, improving deployment efficiency by 30% and ensuring firewall reliability.
- Assessed new technologies and processes to boost security capabilities, strengthening system resilience.
- Managed and maintained data center infrastructure with 99.9999% uptime, overseeing server and network upgrades, critical asset monitoring, and performance optimization.

Ernst & Young LLP,

Mumbai, Maharashtra

Cyber Security Consultant

January 2022 - July 2022

- Led third-party risk assessments for 26 vendors of India's top e-commerce company, ensuring 100% compliance with ISO 27001/27002, GDPR, and CCPA, reducing third-party risks by 75%.
- Optimized vendor security assessment frameworks, increasing risk mitigation efficiency by 30%.
- Conducted OWASP Top 10:2021 training, enhancing team awareness of web application security risks.
- Identified security design gaps in vendor architectures and recommended enhancements to align with global cybersecurity standards.

EDUCATION

- **Masters in Cyber Security Management**, National Forensic Sciences University
- **B.Tech. in Computer Science (Cyber Security and Forensics)**, Manav Rachna International University
- **Diploma in Cyber Law**, Government Law College, Mumbai

CERTIFICATIONS

CompTIA Security+
ISO 27001:2022 Lead Auditor

Fortinet Certified Professional - FortiGate Administrator
ISC2 Certified in Cybersecurity (CC)

EXTRACURRICULAR

- Ranked Top 5% among 2,000,000+ hackers on TryHackMe.
- Won 1st place in Cyber Security Table-Top Exercise and 2nd place in Cyber Adalat (Forensics Researcher) at National Forensic Sciences University.
- Co-authored Blockchain Framework for Real Estate, published at ICCS 2019 (NIT Kurukshetra), with 200+ downloads. Link: papers.ssrn.com/sol3/papers.cfm?abstract_id=3511424
- Led global tech education initiatives, organizing events across Africa, North America, and India, including MIT Media Lab's Reality Virtually Hackathon, educating 20,000+ developers.
- **Personal Projects:**
 - **Analyzing a Security Incident in SOC:** Leveraged Splunk's Security Suite and other resources to investigate and remediate a security incident.
 - **Exploit Development:** Developed exploit to overflow buffer space into extended intrusion pointer (return address) and gain reverse shell by calling malicious script.
- **Hobbies:** Passionate about cybersecurity research, technical blogging, and exploring emerging threats.