Kishore Kumar M

Lead IT & Cybersecurity Engineer | ISO 27001 Lead Auditor | Cloud & Zero-Trust Security Architect | SIEM & VAPT Specialist

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Summary

Strategic Cybersecurity Architect & ISO 27001 Lead Auditor with an auditor's discipline and a Certified Ethical Hacker's curiosity, bringing 5+ years of experience in designing and executing proactive zero-trust strategies. I combine audit rigor with offensive testing to lead SOC 1 & SOC 2 readiness, reduce cyber risk by 40%, cut incident response times by 30%, and uplift Microsoft Secure Score by 75%. Skilled in deploying security solutions, reducing attack surface, and leading VAPT to uncover and remediate critical vulnerabilities, aligning security programs with compliance, resilience, and growth.

Experience

NEXSYS - ONE DMCC
Jul 2023 - Present

Lead IT and Security Engineer
Dubai, United Arab Emirates

🔗 https://www.nexsysone.com

At NEXSYS-ONE, a software development company that builds custom ERP applications for clients, I started as a Senior Network Administrator, managing network, security, and user systems. I was promoted to Lead IT and Security Engineer, where I assumed extensive responsibilities, including securing products, managing network and cloud (AWS) security, and ensuring comprehensive security across the organization. I am also responsible for evaluating vendors and procuring software, overseeing ISO 27001 compliance, leading SOC 1 & SOC 2 readiness, assisting in QMS audits, conducting awareness training, and providing IT support to ensure uninterrupted operations across all departments.

Key Highlights:

- **Cloud-Native Identity & Zero-Trust -** Migrated Active Directory to Azure Entra ID and hardened endpoints with a zero-trust approach—streamlining identity management and significantly reducing organizational risk.

- **Unified Security Monitoring & Incident Response -** Designed and deployed a SIEM solution with Wazuh alongside Zabbix and Uptime Kuma for real-time NOC monitoring, cutting incident response times by 30% and downtime by 20%, and ensuring 24×7 service availability.

- **Risk & Compliance Leadership -** Conducted organization-wide risk assessments and gap analyses to drive ISO 27001 compliance, lead SOC 1 & SOC 2 readiness, and support ISO 9001/QMS audits, while monitoring security metrics and remediating audit findings to uphold GDPR and industry regulations.

- **Security Posture Optimization -** Improved the Microsoft Secure Score from 40 to 70 (a 75% uplift) and executed penetration tests on 10+ in-house applications to uncover and fix critical vulnerabilities.

- **Infrastructure Resilience & Uptime -** Maintained a highly available network with zero downtime through resilient architecture design and rigorous disaster-recovery planning.

- **Strategic IT & Security Planning -** Planned and managed annual IT/security projects —including POC evaluations for emerging technologies—defining scope, timelines, resources, and success metrics.

- **Financial Stewardship & Vendor Management -** Developed and oversaw the annual IT budget, tracking spend against forecasts, negotiating competitive licensing and service agreements, and delivering continual cost optimization.

- **Governance & Continuous Improvement -** Established IT policies, standards, and ITIL-based procedures to enforce best practices and drive ongoing process optimization across the organization.

MAST Consulting Group
Aug 2021- Jul 2023

System Analyst
Dubai, United Arab Emirates

🔗 https://mastcgroup.com

Skills

VAPT: Acunetix, Burp Suite, Nessus, Metasploit, ZAP, Lynis, Rapid7, Qualys

PAM: Arcon, Osirium, Senhasegura , StrongDM

IAM: Active Directory, Intune

Microsoft Administration: Exchange Admin, Intune Admin, Azure Applications, Security Admin, Compliance Admin.

Cloud: AWS

Compliance - ISO 27001,ISO 9001,SOC 1,SOC 2

ITSM: Ivanti Neurons ,Manage Engine Service Desk, Jira, osTicket, Snipe IT

Firewall: Sophos & FortiGate

EDR: Symantec

SIEM: DNIF, Wazuh

Wireless Controller: Unifi

NOC: Zabbix, PRTG, Nagios XI

Vulnerability Management: DefectDojo

Certifications

Microsoft Certified Cybersecurity Architect
Jul 2025
Credential ID A73E44DEEE68B972

ISO 27001:2022 Lead Auditor
March 2024
Credential ID G-105585

Certified Ethical Hacker CEH v11
April 2021
ID- ECC1875936420

Microsoft Identity and Access Administrator Associate
Jul 2024
Credential ID 5010D0ED5FE7AAD2

(ISC)2 Certified in Cybersecurity
January 2023
Credential ID 1193981

Ransomware Uncovered - Specialist Certificate
March 2023
Credential ID 64174b9429ef9e78726eaaa9

ICSI Certified Network Security Specialist (CNSS)
August 2020
ID rwigq46umw

At MAST, a managed service provider (MSP), served as a Security Analyst focused on deploying and supporting diverse security solutions for multiple clients. Addressed compliance audit gaps and managed internal IT operations to boost team efficiency. Delivered comprehensive client support, ensuring smooth software deployments and maintaining high satisfaction with zero escalations.

Key Highlights:

- Configured and managed internal FortiGate Firewalls to enhance network security through effective policies and controls.
- Performed comprehensive vulnerability assessments and penetration testing on clients' internal/external networks and websites.
- Ensured ISO 27001-2013 & 2022 compliance for clients by conducting risk assessments, gap analysis, and awareness training to strengthen security practices.
- Deployed and managed Security Operations Center (SOC) for clients, enabling proactive threat detection and analysis.
- Established and managed Network Operations Center (NOC) for clients, ensuring continuous network monitoring and analysis.
- Implemented and administered IT Service Management (ITSM) solutions to optimize clients' service delivery processes.
- Deployed and administered Privilege Access Management (PAM) systems to safeguard clients' critical assets.
- Provided administrative support for clients' Outlook, Teams, and O365 applications, ensuring seamless operations.
- Maintained clients' Linux and Windows servers to ensure system stability and performance.
- Configured, designed, and implemented web servers and websites to meet clients' business requirements.

Freelance   **Jul 2018 - Aug 2021**
Web Developer

Started as a freelancer with self-taught skills in web development, providing end-to-end solutions from hosting and designing to optimizing. Successfully designed and deployed over 10 custom WordPress sites, improving performance, security, and SEO, leading to high client satisfaction and increased traffic

Key Highlights:

- Designed and deployed 10+ custom WordPress sites using Elementor and WPBakery, enhancing user engagement and achieving a 95% client satisfaction rate.
- Optimized WordPress site performance by up to 70% through advanced caching, image optimization, and database tuning, significantly improving user experience and reducing bounce rates by 35%.
- Enhanced WordPress security by implementing firewalls, malware scanning, and regular security audits, reducing vulnerability risks by 80%.
- Improved SEO for WordPress sites using Yoast SEO, leading to a 40% increase in organic traffic and higher search engine rankings for targeted keywords.
- Developed basic PHP sites with dynamic functionalities, including galleries, forms, and upload/download capabilities, providing customized solutions for clients and enhancing website interactivity.

Education

HINDUSTHAN INSTITUTE OF TECH - India   **2017 - 2021**
Computer Engineering   Bachelor's degree
CGPA 8.1
🔗 https://www.hit.edu.in

Declaration

I do hereby declare that the above-mentioned details are true to the best of my belief and knowledge.

Operating System

Linux - Kali, Debian, Ubuntu, Cent, Parrot

Windows - Windows 10, 11

Linux server - Ubuntu Server, RHEL 7

Windows Server 2018

Virtualization

Proxmox

VMware

VirtualBox

Programming Language

Shell

PHP

HTML, CSS

Python - Basic level

Soft Skills

Strong Communication skills

Team player

Leadership

Problem Solving

Time management

Critical thinking

Languages

English

Tamil

Malayalam

Personal Details

UAE Visa Status: Active

UAE Driving License

Nationality: Indian

DOB : 02-07-1999

Marital Status: Single