

# YADU KRISHNAN E V

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## PROFESSIONAL SUMMARY

Motivated and detail-oriented Security Operations & IT Infrastructure Engineer with hands-on experience in network configuration, server management, and cybersecurity monitoring. Skilled in firewall configuration, Windows Server administration, RAID setup, and VoIP systems. Strong technical foundation with a growing focus on cybersecurity and network defense

## TECHNICAL SKILLS

- **Cybersecurity:** Network Security, Firewall, VPN, EDR/XDR
- **Networking:** Fortigate (Firewall), Switch, Vlan, LAN, WAN, IPSec, SSL VPN configuration, Troubleshooting
- **Security Tools:** Kali Linux, Splunk, Nessus, Nmap, Wireshark, Burp Suite
- **IT Infrastructure:** Server Management, RAID setup, VoIP systems, Windows Server administration, Active Directory, Server Racksetup, Cabling and structuring

## PROFESSIONAL EXPERIENCE

### Network Security Engineer

Sysin Technologies LLP | AUG 2025 –Present

- Conducted a base-level ISO 27001 security audit to assess compliance and strengthen security posture. Conducted a base-level ISO 27001 security audit to assess compliance and strengthen security posture.
- Configure, implement, and maintain FortiGate firewalls, including VLAN segmentation, SD-WAN deployment, IPSec/SSL VPN configuration, and security policy optimization to ensure secure and stable connectivity across the organization.
- Install, configure, and manage servers and core network infrastructure, performing switch installations, rack and patch panel setup, and structured cabling to support enterprise-grade IT environments.
- Perform RAID configuration, server clustering, and disaster recovery planning, ensuring data redundancy, uptime, and business continuity in case of system failure or outage.
- Administer Windows Server environments, handling user and group management, permission configurations, patching, and regular system performance monitoring to maintain operational efficiency.
- Deploy, migrate, and troubleshoot 3CX PBX systems and GSM gateways, ensuring seamless VoIP operations, SIP trunk integrations, and consistent call quality across branches.
- Provide end-user technical support for email configurations (Outlook), system connectivity, and hardware/software-related issues to ensure minimal downtime and improved productivity.
- Collaborate with cross-functional IT and security teams to strengthen the organization's network reliability, cybersecurity posture, and overall IT infrastructure efficiency.

## EDUCATION

- **Advanced Diploma in Cyber Defense | RedTeam Hacker Academy | 2024 – Present**
- **Bachelor of Engineering in Mechanical Engineering | Bir Tikendrajit University | 2020 – 2024**
- **Higher Secondary Education (Biology Science) | Directorate of General Education, Government of Kerala | 2018 – 2020**

## PROJECTS

- **Advanced Keylogger with Clipboard & Screenshot Monitoring –**

Designed a cybersecurity research tool to analyze user input behavior, clipboard activity, and screen captures for security awareness and forensic analysis.

- **Password Analyzer –**

Developed a Python-based tool to analyze password strength based on length, character diversity, and common patterns.

## LANGUAGES

English, Malayalam, Tamil