

YUKESH ELAYAPPAN

Fresher — Cyber Security Practitioner

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SUMMARY

Enthusiastic Cyber Security graduate skilled in network security, Web security, threat analysis, and incident response. Achieved 90%+ accuracy with ML-based log analysis and improved network uptime during internship. Seeking entry-level cybersecurity roles to leverage hands-on technical skills.

CERTIFICATIONS

- Certified Ethical Hacker CEH v13
- Junior Penetration Tester eJPT v2 (*in-progress*)

SKILLS

Programming languages : Python, C++, Bash, PHP

Technical skills : Networking, Ethical Hacking, VAPT, Kali Linux

Tools : Nmap, Burp Suite, Wireshark, Metasploit, SIEM tools

EXPERIENCE

CyberSecurity Intern

May-June 2025

Srida IT Consulting & Services (OPC) Pvt Ltd.

online

- Gained hands-on experience in ELK-Stack, Sysmon, and Winlogbeat for monitoring, logging, & analysis.
- Identified system weaknesses using VAPT tools such as Winpeas, CrackMapExec, Powershell Empire.
- Developed skills in integrating security tools to enhance security posture & incident response capabilities.

Network Engineer Intern

Nov-Dec 2024

Club Mahindra Holidays Ltd.

on-site

- Hands-on experience managing, securing network devices such as firewalls, IDS/IPS, routers, switches
- Assisted in troubleshooting network issues, and contributed to increasing overall network reliability.
- Utilized essential network analysis and scanning tools like Nmap and Wireshark .

PROJECTS

Advanced Keylogger

- Captures keystrokes silently in the background using PowerShell for stealthy execution.
- Automatically sends captured logs to a specified email address via SMTP protocol.
- Designed to run as a hidden application, minimizing detection risk.

RFID-based security system

- Implements a robust symmetric cryptography algorithm (Simon64) for secure authentication.
- Built with MicroPython firmware for easier development, deployment, and maintenance.
- Functions similarly to a SOLUS device but with enhanced cryptographic security.

SOC Lab

- Established a full Security Operations Center environment using VMware for virtualization.
- Integrated SIEM (Wazuh), network monitoring, and Active Directory for realistic threat simulation.
- Designed for hands-on training in threat detection and incident response through simulated attack scenarios.

EDUCATION

VIT Bhopal University, Bhopal, Madhya Pradesh, India

2022-2026

Bachelor in Computer Science Engineering (Cyber Security & Digital Forensics)

CGPA - 7.9