

# 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.

## SKILLS

- Python, Java, C++
- Data Protection
- kali linux, Ubuntu
- Ethical hacking
- SQL injection
- XSS implementation
- SIEM, IDS/IPS
- Web security
- Threat Detection
- Incident Response
- Compliance, logging
- shell scripting
- Risk Assessment
- Network Security
- Reconnaissance
- security tools

## EXPERIENCE

### Network Engineer Intern

on-site

*Club Mahindra Holidays Ltd.*

Had hands-on experience in handling network devices like firewalls, IDS/IPS, routers, switches, servers, etc. I maintained a secure environment for the devices in the network and helped the team troubleshoot issues and increased the network uptime. Tools like Nmap, Wireshark were useful during this period.

### SIEM intern

online

*Srida IT Consulting & Services (OPC) Pvt Ltd.*

Gained practical knowledge on cyber security tools and technologies which plays a vital role in monitoring, alerting, and mitigating threats caused to a machine using tools like ELK-Stack, Sysmon and Winlogbeat for logging Win-peas, CrackMapExec and Powershell Empire for VAPT .

## PROJECTS

### Advanced Keylogger (C++)

This project captures the keystrokes of the system while being hidden in the background and mails it to the author using SMTP protocol with the help of PowerShell that runs the script that is specified in the application.

### ML based network log analyzer (python)

This Machine learning project is trained with two models, ‘logistic regression’ and ‘decision tree classifier’, considering 10 labels from a dataset containing more than 1 lakh entries, and gained an accuracy score over 90 % on both.

### RFID-based security system (IoT)

I developed a security system that works like a SOLUS device but with stronger implementation of symmetric cryptography algorithms like Simon64. The firmware is written in MicroPython, which is easier to understand, implement, and deploy.

### SOC Lab

Built a comprehensive Security Operations Center laboratory using VirtualBox with SIEM (Wazuh), network monitoring, Active Directory domain, and simulated attack scenarios for threat detection and incident response training.

## CERTIFICATION

- Google Cyber Security
- Google Bits and Bytes of Computer Networking
- ISC2 Incident Response
- Certified Ethical Hacker (*preparing*)

## EDUCATION

### VIT Bhopal University, Bhopal, Madhya Pradesh, India

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

2022–2026

### SRM Public School (CBSE), Trichy, Tamil Nadu, India

Senior Secondary Education

2013–2022