

A. Aloy Gnanan

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 aloygnalan

Profile

Final-year Cybersecurity Engineering student passionate about Security Operations. Experienced in SOC monitoring, log analysis, and automation using Wazuh SIEM, Splunk, and n8n. Skilled in identifying and responding to security incidents, building detection rules, and integrating threat-intelligence sources such as VirusTotal. Eager to contribute to blue-team operations and strengthen organizational defense through practical, data-driven security monitoring.

Education

SRM Valliammai Engineering College	2022 – 2026
B.E. Cybersecurity – CGPA: 8.1	
St. Xavier's Higher Secondary School	2022
HSC – 78%	
Kein Matric. Higher Secondary School	2020
SSLC – 65.6%	

Technical Skills

Tools & Platforms: Wazuh, Splunk, ELK Stack, OSQuery, n8n, Wireshark, Suricata, Linux, Git
Security Operations: SIEM Alert Analysis, Log Monitoring, Incident Response, Threat Intelligence (VirusTotal), SOC Automation (n8n)
Programming & Scripting: Python, Bash, HTML/CSS

Projects

- **Wazuh-n8n-VirusTotal Threat Automation:** Developed a workflow that receives Wazuh alerts, extracts IOCs, uploads files directly to VirusTotal for scanning, and emails detailed analysis reports. Demonstrated SOAR-style automation for real-time threat classification.
- **DoS Attack Detection & SMS Alerting System:** Built a Python-based network traffic monitor to detect DoS patterns and send instant SMS alerts through Twilio API, implementing basic incident-response automation.
- **Data Security in Cloud using Blockchain and Biometrics:** Combined biometric authentication with ChaCha20-Poly1305 encryption and blockchain validation to ensure secure and verifiable cloud storage access.

Internships

- **Cybersecurity Intern** – EDU TANTR (Remote) Jul – Sep 2025
- **Cybersecurity Intern** – Redynox (Remote) Jun – Jul 2025
- **Ethical Hacking Intern** – InLighnX Global Pvt. Ltd. (Remote) Jun – Jul 2025
- **Cybersecurity & Digital Forensics Intern** – TechnoHacks Solutions Pvt. Ltd. (Remote) Jun 2025

- **Cybersecurity Intern** – Shakti Cyber Solutions (Remote) Jan – Mar 2025

Certifications

- Ethical Hacking Training – Internshala (2023)
- Cybersecurity Analyst Job Simulation – Forage (2025)
- Pre Security Learning Path – TryHackMe (2025)
- SOC Level 1 – TryHackMe (2025)
- The Complete Network Fundamentals Course – Udemy (2025)

Leadership & Events

- Organized QUIZVIBE 2.0 – State-Level Quiz Event – Nov 2025
- Organized CSI Student Convention – Apr 2025
- National-Level 24-Hour Hackathon – Feb 2025
- State-Level Quiz Competition – Jan 2025
- Assisted in CTF Competition – Sep 2024

Volunteering

- Cyber Awareness Program – St. Joseph's School, SRM Valliammai (Feb 2025)
- Cyber Awareness Program – Olive Public School (Jul 2025)

Professional Memberships

- Promotional Head – Whitehatians Club, SRM Valliammai
- Member – Computer Society of India (CSI), Kancheepuram Chapter