

Muthu Kumar P

CyberSecurity Engineer

Career Objective

Dedicated Security Analyst with experience in log analysis, SIEM tools, and incident response, aiming to join a dynamic SOC team to monitor and defend against cyber threats while continuously enhancing organizational security posture. I am excited to contribute to innovative projects. I am dedicated to ongoing learning and professional development within a dynamic organization.

Project & Experience

Mar 2024 - July 2024

Phishing Detection and Email Thread Analysis

Role: Security Analyst (Project Lead)

Tools Used: Python, VirusTotal API, YARA, Splunk, Email Header Analyzer, OSINT tools

Project Description:

Developed a phishing detection and analysis workflow tailored for Security Operations Center (SOC) environments. The project focused on identifying and analyzing suspicious emails by inspecting email headers, links, and attachments. Leveraged Python scripts and VirusTotal API to automate the analysis of email artifacts.

Photogram – Socia media Web Application

Description: Designed and developed a full-stack social media web

application named Photogram inspired by Instagram. Built using Bootstrap

for responsive UI and PHP for backend logic with a custom-built architecture. Integrated features like user authentication, image sharing,

likes, and comments.

Security Focus: Manually tested the application for vulnerabilities including

SQL Injection, Cross-Site Scripting (XSS), and other common bugs using

security testing techniques. Applied input sanitization and parameterized

queries to strengthen defenses.


Educational Background

Bachelor of Science-Computer Science

Thanthai Periyar Govt Arts & Science College - Trichy, Tamilnadu

Jun 2022 - May 2025

Contact

 Rajapalayam, Tamilnadu

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Skills

Technical Skills

- SIEM (splunk)
- Wireshark
- Linux
- Windows
- Network Security
- Penetration Testing
- nmap
- Burpsuite
- IAM
- GCP

Programming Skills

- Python
- PHP
- C
- Java
- Html, Css, Js

Soft Skills

- Collaboration and Teamwork
- Adaptability
- Problem-Solving
- Time Management
- Effective Communication

Interest

- CTF challange
Bug Bounty

Certification / Trainings

SelfMadeNinja Academy -SNA (LAHTP)

Ethical hacking and Penetration Testing
Platform: Udemy(59.5hrs)

TryHackMe-Jr. Penetration Tester,
SOC Level 1.

About me

For more details:

<https://muthumk.selfmade.one>