MUTHU KUMAR

Cyber Security Analyst | Application Security | SOC Analyst

CONTACT

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Executive Summary

Cybersecurity analyst and self-driven web developer with hands-on experience in secure web application development. Built and tested an Instagram-like platform (Photogram) from scratch using PHP and Bootstrap. Skilled in identifying and mitigating OWASP Top 10 vulnerabilities like SQL Injection and XSS. Passionate about building secure, scalable systems and staying ahead of evolving cyber threats through continuous learning and ethical hacking.

PROJECTS & EXPERIENCE

Photogram – Social Media Web Application (Instagram Clone)

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.

ACHIEVEMENT

- Built entire application architecture from scratch using core PHP
- Performed security testing and implemented mitigations
- Learned secure coding and real-world application development practices

EDUCATION

B.Sc. Computer Science

Thanthai Periyar Government Arts & Science College, Trichy – Bharathidasan University

Expected Graduation: May 2025

TRAINING

SNA–SELF MADE NINJA ACADEMY

SKILLS

- **Networking Security**
- **Cloud Security**
- **Operating system:** Linux, Windows
- **Vulnerability Assessment**
- **WEB TECH:** HTML, CSS ,JS
- **Programming** PHP,C,PYTHON

Soft Skills

- **Analytical Thinking**
- **Problem Solving**
- **Collaboration**
- **Decision Making**
- **Ethical judgment**
- **Report writing**

Hobbies & Interest

- **CTF Challenge**
- **Bug Bounty**
- **Security Tool**
- **Gaming**

Awards & Certification

- **CyberHeals-Hackathon**
- **SNA–selfmade ninja academy(LAHTP)**

TOOLS

- **GIT / GITHUB**
- **BURP SUITE**
- **NMAP**
- **WIRESHARK**
- **SPLUNK**

ABOUT ME
CheckMyPortfolio:
https://muthumk.selfmade.one