GOWTHAM S

SECURITY ENGINEER

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SUMMARY

Passionate Security Researcher with a focus on penetration testing and custom tool development. Skilled in finding vulnerabilities in web applications and building automation tools to speed up security workflows. Experienced in secure development, vulnerability assessment, and developing practical solutions for real-world security challenges. Always exploring new ways to break, build, and secure systems.

EDUCATION

Panimalar Engineering College, Anna University   **Chennai, Tamil nadu**

Bachelor Of Engineering - Computer Science and Engineering

2022 – 2026 (Expected)

SKILLS

Languages: Python, Golang, Bash
Frameworks & Libraries: Flask, Cobra, Scapy, BeautifulSoup
Pentesting & Security Tools: Burp Suite, Nmap, Metasploit, Wireshark, Ech0Vulnx, VulnX, GoNetSniff++
Concepts & Techniques: Vulnerability Assessment,Network Analysis, Reconnaissance, Automation
Others: Github

EXPERIENCE:

AFOT
Security Engineer

Jul 2024 - Present

- Led web and security projects, focusing on building secure web apps
- Found and analyzed vulnerabilities; built custom tools to improve security
- Set up security tools, added protocols, and automated tasks for different projects

PROJECTS

Ech0Vulnx:

A powerful multi-purpose network scanner and vulnerability assessment tool designed for bug bounty hunters, penetration testers, and security researchers. Features include subdomain enumeration, vulnerability detection, port scanning, cloud bucket hunting, JavaScript analysis[Github]

VulnX:

An offensive security tool developed in Golang featuring advanced reconnaissance, modular scanning, and YAML-based workflows for customizable and scalable pentesting operations.[Github]

GoNetSniff++:

A CLI-only passive network reconnaissance tool focused on LAN environments. Includes features like SNI sniffing, ARP scanning, and anomaly detection to identify suspicious activity effortlessly.[Github]

ADDITIONAL INFORMATION

- **Languages:** English, Tamil
- **Certifications:** Web Application Hacking,Uipath Automation Developer