Samyukthan A

CySA+, Sec+, Google Cybersecurity

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A dedicated cybersecurity aspirant with a strong foundation in information technology and a proven track record of hands-on projects and top-tier certifications. Ranked in the top 20% on Blue Team Labs, I have demonstrated proficiency in Python, network security, and intrusion detection through projects like Anti Rubber Ducky and Raspberry Pi Firewall.

Experience:

Web Development Intern

Sun Drug Store, Doha, Qatar (Hybrid) 🖉

July 2023 – August 2023

- Developed web pages using HTML, CSS, and JavaScript, ensuring responsive design.
- Established and managed Sun Drug Stores' online presence, including domain management and email systems.

Projects:

Anti-Rubber Ducky   🖉 *GitHub*

- Developed a Python script running as a Windows background service to monitor and block unauthorized USB devices via a whitelist. On detection, it sends looped SMTP email alerts and initiates system shutdown to prevent threats, enhancing security against hardware attacks.

Raspberry Pi Firewall   🖉 *GitHub*

- Configured a Raspberry Pi 3B+ as a home network firewall using IPFire, integrating it with a router for secure WiFi access and traffic monitoring. Implemented Snort IPS with community rules for real-time threat detection and prevention, creating an expandable lab environment.

Home Lab   🖉 *GitHub*

- Designed and managed an on-premises/cloud home lab for cybersecurity and networking experiments, featuring Ryzen 5 PC, Raspberry Pi setups (firewall, Kali, AI chatbot), ZimaBoard for VMs (Kali, Ubuntu, Tor) and Nextcloud, Wazuh SIEM for threat monitoring.

    Key Tools: Wazuh, IPFire, Kali Linux, TailsOS

Certification:

Microsoft Security Operations Analyst Associate (SC-200)	*In-progress*
CompTIA CySA+ ◦ Score: 792 🖉	*Jul 2025*
CompTIA Security+ ◦ Score: 781 🖉	*Nov 2024*
Google Cybersecurity 🖉	*2024*
Cisco Network Essentials 🖉	*2023*

More +10

Education:

Bachelor of Technology (BTech), Information Technology	*2021 – Current |Chennai*
Anna University-MIT, Chennai,	
Senior Secondary	*2020-2021|Chennai*
The Velammal International School, Chennai.	

Skills:

- **Scripting & Programming:** Python, SQL, Bash, PowerShell, HTML, C++, Java
- **Network Security**
- **Vulnerability Management**
- **Log Analysis**
- **Cloud Security**
- **Security Information and Event Management**
- **Security Auditing**