

SONY SILVERA

CYBERSECURITY PROFESSIONALIST

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PROFESSIONAL SUMMARY

Cybersecurity professional with hands-on experience in **penetration testing**, **vulnerability assessment**, and **ethical hacking** through **Certified Penetration Tester (CPT)** training. Proficient in industry-standard cybersecurity tools including **Nmap**, **Metasploit**, **Burp Suite**, **Wireshark**, and web application security testing methodologies. Experienced in **network security**, **risk assessment**, **security analysis**, and **vulnerability reporting**.

Currently preparing for the **Certified Ethical Hacker (CEH)** certification and seeking a **Cybersecurity Intern** or **Junior Security Analyst** position to apply technical skills in real-world security environments. Additionally skilled in **content creation**, **video editing**, and **technical documentation**, supporting **security awareness**, **knowledge sharing**, and effective communication with technical and non-technical stakeholders.

EDUCATION

Bachelor of Science (B Sc) in Computer Science <i>College of Applied Science Adoor (IHRD Adoor)</i>	2025
High Secondary Biology Science <i>GHSS Poruvazhy</i> 91.5% marks achieved	kollam
High School - Biology Science <i>GHSS Poruvazhy</i> 97% marks achieved	kollam

SKILLS

Languages

English, Hindi, Malayalam, Tamil.

Video Editing

Davinci Resolve , AI Film Making , 3D Gaming Cinematics , AI poster Designing , Logo & Brand Intro Making.

Cybersecurity Tools

Nmap, Metasploit, Wireshark, Nikto, Hydra, Burp Suite, John, Nuclei.

Networking & Security Fundamentals

Firewall, VLAN, VPN, OSI Model, TCP/IP, ARP, ICMP, HTTP/S Protocols, Network Devices.

Operating System

Linux (Ubuntu, Kali, Arch), **Windows**.

Leadership & Collaboration

Former **NCC Leader**, 10th & 12th **Scout Leader**, Effective in communication, Teamwork, Documentation, and Initiative.

Programming Language

Python, bash, C#, C++.

Tech Stack

Next.js (App Router) – Server-side rendering and optimized routing

React – Modular, component-based architecture

Tailwind CSS – Custom dark-theme design system with glassmorphism UI

Framer Motion – Advanced UI animations and transitions

Three.js & React Three Fiber – Interactive 3D visualizations

EmailJS – Serverless contact form integration

Globe.gl – Interactive global data visualization

PROJECTS

Project Zyncrypta – Cybersecurity Toolkit

Developed a cross-platform python-based GUI integratin Nmap, Nikto, Amass, and OSINT tools with Automated vulnerability scanning and reconnaissance workflows. Improved assessment efficiency by consolidating multiple tools into a single interface.

Web Application Security Assessment

Discovered and validated XSS and SQL Injection vulnerabilities. Prepared a professional VAPT report including PoC and remediation steps. Applied OWASP Top 10 methodology in a controlled testing environment.

Real Time Tech monitor

Redeveloped a realtime techmonitor which shows Techmonitor Map , Live new , Cybersecurity News and Updates, Breaches, AI & ML , Github Uploades , Tech News , and some more in a single screen

Cyber-Themed Portfolio Web Application

Built a high-performance interactive portfolio using **Next.js, React, and Tailwind CSS**, featuring advanced animations with **Framer Motion** and immersive 3D visualizations using **Three.js**. Implemented serverless contact integration via **EmailJS**, interactive global monitoring with **Globe.gl**, and custom UI effects including particle systems, magnetic interactions, and dynamic HUD-style dashboards to deliver a premium command-center experience.

Made a Ethical DDOS attack tool for demonstration

DDOS Server side attacking tool with networking analysis for ethical demonstration for my fellow juniors

Reverse Engineering Game Emulators

Android Emulator-Bluestacks , Msi

Reverse Engineering of android emulators for tracking up AOB codes in games to modify and create cheat - Ethical Way

CERTIFICATES

Certified Penetration Tester (CPT)

Red Team Hacker Academy (2025)

Certified in Threat Intelligence Red Team Hacker Academy (2025)

Certified Ethical Hacker (CEH)

In Progress

Certified in Virus Workshop Red Team Hacker Academy (2025)

