

SANTHOSH M





Cybersecurity Analyst

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SUMMARY

I am a Computer Engineering graduate with a Certified Ethical Hacker certification and hands-on experience in ethical hacking and penetration testing. I specialize in vulnerability assessment and web application security, with a keen focus on identifying and mitigating security weaknesses to enhance organizational security posture

KEY ACHIEVEMENTS

- **Vulnerability Assessment Success**
Conducted over 50 vulnerability assessments with a 95% success rate in findings.
- **Cybersecurity Lecture Series**
Delivered 10+ cybersecurity lectures, educating 500+ students on security practices.
- **Security Posture Enhancement**
Optimized security posture for 5+ projects, reducing vulnerabilities by 40%.
- **Client-Side Encryption Development**
Developed encryption extension used by 50 clients, ensuring 100% data confidentiality.

EXPERIENCE

- 10/2025
Coimbatore, India

 - Penetration Tester Trainee
Cybervault Innovations and Technologies Pvt Ltd
A company specializing in cybersecurity solutions
 - Learned and explained fundamentals of VAPT, including reconnaissance, vulnerability identification, and basic risk understanding
 - Analyzed network architecture, firewall rule sets, and segmentation strategies to identify security gaps
 - Delivered cybersecurity awareness lectures to students, explaining common threats, attack vectors, and basic security practices

EDUCATION

- 08/2021 - 05/2025
Nagapattinam

 - B.Tech
EGS Pillay Engineering College
- 06/2020 - 05/2021
Karaikal

 - Higher Secondary School
Karaikal Ammaiyyar High School

SKILLS

OWASP	VAPT	Burp Suite	Nmap	Wireshark	Metasploit	Reconnaissance	Exploitation	WebSecurity
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CERTIFICATION

-  Certified Ethical Hacker (CEH V13)
-  Certified API Hacking Expert (CAPIE)
-  Network Basic -CISCO

PROJECTS

- Vulnerability Assessment & Penetration Testing (VAPT)**
Conducted vulnerability assessment and penetration testing
 - Executed systematic vulnerability scans and conducted authorized penetration tests on a simulated network
 - Identified, documented, and prioritized security risks and providing clear evidence of potential impact• Collaborated with a security team to analyze findings and propose actionable remediations, strengthening the overall security posture
- Robust encryption for cloud file sharing as web extension**
Created an encryption solution for secure file sharing
 - Developed a client-side encryption chrome web extension and tested against modern vulnerabilities• Ensured data confidentiality even in the event of cloud compromise by enforcing client-side encryption