

# SANTHOSH RAJAN S

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[github.com/Doc-oc](https://github.com/Doc-oc)

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## SUMMARY

I am an aspiring software engineer in training, currently in the 3rd year B.E. cybersecurity. Strong foundation in network security, ethical hacking, and vulnerability assessment, complemented by hands-on experience with security tools like firewalls, SIEM, and endpoint protection. Proficient in bash and familiar with compliance standards like ISO 27001 and NIST frameworks.

Eager to apply theoretical knowledge to real-world challenges and contribute to protecting digital assets against evolving cyber threats. Demonstrates a commitment to continuous learning through coursework, certifications (ethical hacking and bug hunting, network defence essentials), and personal projects. A proactive team player with strong problem-solving skills and a passion for building secure systems

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## INTERSHIPS

### CYFOTOK INFOSEC - COIMBATORE

JUL 2024 - AUG 2024

- Successfully completed an intensive cybersecurity training program under the guidance of industry professionals.
- Developed practical skills in network security, threat mitigation, and penetration testing techniques.
- Demonstrated strong self-motivation and problem-solving abilities in real-world cybersecurity scenarios.

### CYBER CRIME CELL - PONDICHERRY

3 JAN 2025 - 31 JAN 2025

- Assisted in the investigation and analysis of digital crimes, focusing on ethical hacking and cybersecurity measures.
- Gained hands-on experience in digital forensics, analyzing evidence, and preparing reports for ongoing cases.

### APJ Hacker India, Pondicherry

- Monitored and analyzed networks to detect and mitigate cybersecurity threats and vulnerabilities.
  - Conducted penetration testing and vulnerability assessments to secure organizational systems.
  - Implemented security measures and provided recommendations to improve system defenses.
  - Investigated and resolved security incidents while maintaining detailed documentation and reports.
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## EDUCATION

### BE CYBER SECURITY

Mahendra Engineering College

- Hands-On Training in Cyber Defense Techniques
  - Strong Foundation in Computer Science and Cryptography
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## SKILLS

- Cybersecurity Tools : Firewalls (pfSense, iptables), SIEM Platforms, Intrusion Detection Systems (Snort, Suricata), Packet Analysis (Wireshark), Vulnerability Scanners (Nessus, OpenVAS), Linux Security Tools
  - Cryptography Techniques : Symmetric & Asymmetric Encryption (AES, RSA), Hashing Algorithms (SHA-256, MD5), Key Management, SSL/TLS Protocols, Data-at-Rest & Data-in-Transit Protection
  - Programming & Scripting Languages : Java, Python , Bash (for automation and security hardening scripts)
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## ADDITIONAL INFORMATION

- Completed multiple online labs on simulated network penetration and defense.
- Participated in college-level hackathons focused on cybersecurity.
- Actively contribute to forums and discussions on ethical hacking and threat mitigation.