

SURENDRA S

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Bengaluru, Karnataka

PROFESSIONAL SUMMARY

Aspiring Cybersecurity Professional pursuing M.Tech in Cyber Security with hands-on experience in network monitoring, vulnerability assessment, and security testing. Skilled in Wireshark, Nmap, LOIC, and penetration testing methodologies. Strong foundation in networking, cryptography, and Python programming. Eager to contribute technical expertise and problem-solving skills in a cybersecurity role.

KEY SKILLS

- Networking: TCP/IP, DNS, HTTP/HTTPS, IDS/IPS
 - Programming & Scripting: Python, SQL, CLI
 - Security Tools: Wireshark, Nmap, LOIC, ESP8266 NodeMCU
 - Cybersecurity Concepts: Encryption, Cryptography, Vulnerability Management
 - Soft Skills: Problem Solving, Team Collaboration, Time Management, Critical Thinking
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EDUCATION

- M.Tech – Cyber Security (Pursuing), The Oxford College of Engineering, Bengaluru (VTU), 2023 – 2025
 - B.E – Computer Science & Engineering, Govt. Engineering College, Ramanagara (VTU), 2019 – 2023, CGPA: 7.25
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CERTIFICATIONS

- Introduction to Cybersecurity – Cisco Network Academy
 - Workshop on IoT Hands-on Experience – Karanadu Technologies
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PROJECTS

- **Network Traffic Monitoring:** Captured and analyzed live network packets using Wireshark to detect security issues and anomalies.
 - **DoS Attack Simulation:** Simulated Denial of Service attacks using LOIC to evaluate network resilience.
 - **Password Strength Checker:** Developed a tool to evaluate and enforce secure password policies.
 - **Network Topologies Simulation:** Simulated Bus, Star, Ring, Mesh, Tree, and Hybrid topologies using Packet Tracer.
 - **Junior Pentester Labs:** Designed practical labs for penetration testing of real-world vulnerabilities.
 - **SECURE Web Application:** Built a deliberately insecure web application for practicing XSS, SQL Injection, Command Injection, and authentication flaws.
 - Full portfolio: <https://santhusuri.github.io/portfolio/>
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LANGUAGES

Kannada, English, Tamil, Telugu, Hindi