

# SREEKAR SIDHARTHA

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## PROFESSIONAL SUMMARY

Curious cybersecurity enthusiast with hands-on experience in vulnerability assessment, network security, and ethical hacking. Skilled in identifying security gaps, analyzing attack vectors, and applying OWASP Top 10 principles using tools like Nmap, Nessus, Burp Suite, and Wireshark. Passionate about building secure systems and continuously learning to stay ahead of evolving threats.

## TECHNICAL SKILLS

- **Programming:** Python, Bash Scripting
- **Databases:** MySQL
- **Cybersecurity:** Penetration Testing, Vulnerability Assessment, Network Security, OWASP Top 10
- **Tools:** Nmap, Nessus, OWASP ZAP, Metasploit Framework, Wireshark, OSINT Tools
- **Soft Skills:** Team Collaboration, Communication, Leadership, Critical Thinking

## EXPERIENCE

### Cybersecurity Intern – TEXIAL

Jul 2025 – Dec 2025

- Performed vulnerability scanning and analysis using Nmap and Nessus.
- Identified web security issues aligned with OWASP Top 10 standards.
- Practiced penetration testing techniques in controlled lab environments.
- Analyzed network traffic using Wireshark to understand attack patterns.
- Gained strong exposure to ethical hacking and secure system design.

## PROJECTS

### Phishing Attack Analysis Awareness

- Analyzed real phishing email samples to identify malicious links, fake domains, and spoofed sender addresses.
- Verified suspicious URLs and attachments using VirusTotal, WHOIS, and MXToolbox.
- Created a phishing awareness guide highlighting social engineering techniques and prevention strategies.

### System Network Security Hardening Audit

- Identified open ports and unnecessary services using Nmap to detect potential security risks.
- Analyzed system security configurations, firewall status, and update policies to reduce attack surface.
- Documented vulnerabilities and recommended security hardening measures based on best practices.

### Password Strength Checker Generator

- Developed a Python program to evaluate password strength based on length, character complexity, and patterns.
- Implemented a secure password generator using randomization and character sets (uppercase, lowercase, numbers, symbols).
- Displayed real-time feedback to help users create strong, secure passwords.

## EDUCATION

Bachelor of Technology (CSE) — 2022 – 2026 — Indian Institute of Industry Interaction Education and Research

## CERTIFICATIONS

- Certified Ethical Hacker (CEH v13)
- Cybersecurity Internship Certificate – TEXIAL
- Python - Great Learning