

SHRINATH MUNAGAPATI

Hyderabad , Telangana

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Technical Skills

Languages: Python, Java, C, HTML/CSS, React, Django

Tools: Nmap, Burp Suite, DIRB, Chrome DevTools

Technologies/Frameworks: Linux, GitHub, Arduino, Raspberry PI

Experience

CyberSecurity Club

January 2024 – Present

Administrator

KL University

- Supervised and mentored 10+ existing members and 15 juniors as a club administrator, promoting technical growth.
- Conducted several cybersecurity hackathons and events—through this process, successfully engaged 100+ participants in a single event, further increasing the reputation of the club.
- Delivered 10+ training sessions on real-world applications; providing an environment for learning through practical application.

Cybersecurity Research Intern

May 2025 – Jul 2025

Research Fellow

Cystar IIT Madras

- Built an automated audit tool to streamline asset discovery across diverse environments
- Enhanced security assessments by identifying vulnerabilities in discovered assets and presenting results

Projects

Online Voting System | *Python, SQLite, Django* 🌐 🗳

February 2024

- Engineered a secure voting system handling 100+ voters to cast their votes efficiently while preventing duplicate submissions.
- Designed role-based access control, enabling admins to oversee elections while maintaining voter confidentiality.
- Optimized the database queries, reducing vote processing time by 30% and enhancing overall system performance.

PwdShield | *HTML, CSS, JS* 🌐 🗳

January 2025

- Developed a web-based password strength checker using secure hashing and entropy analysis.
- Provided real-time feedback to enhance user password security and resilience against attacks.

Vulnerability Scanner | *HTML, CSS, JS, Python*

May 2025

- Lightweight Python tool that scans URLs for web vulnerabilities like XSS.
- Ideal for quickly identifying misconfigurations and common security flaws.

Extracurricular

CyberMaterial CTF HackHavoc

September 2024

Top 20 Finalist

- Achieved Top 20 ranking in Hack Havoc CTF, Edition 1 (2024) among 500+ participants.
- Demonstrated expertise in reverse engineering, cryptography, web security, and OSINT.
- Successfully solved 80%+ of the challenges, indicating strong problem-solving and analytical capabilities.

Innothon24 Hackathon

September 2024

Team member

KCG College of Technology

- Participated in a 24-hour onsite hackathon as a core member, elaborating an OSINT tool for cybersecurity research.
- Won the Special Jury Award and an RS.2,000 cash prize, competing against 15+ teams
- Enhanced a system for public intelligence gathering, including domain/IP details, phone numbers, emails, data breaches, social media accounts, and malware analysis.

Education

Koneru Lakshmaiah

CGPA 9.4 - Sep. 2022 – Present

B.Tech in Computer Science and Engineering

Vijayawada, Andhra Pradesh