

HRIDHIK S

Email: hridhikofficial@gmail.com | Ph: +91 7306101741 | LinkedIn: [linkedin.com/in/hridhikofficial](https://www.linkedin.com/in/hridhikofficial) |
Github: github.com/hridhikjester.

SUMMARY

Cybersecurity innovator and CTF player with expertise in ethical hacking, vulnerability assessment, and threat intelligence. Core member of Team Triada – a top 1% CTF team in India – skilled in binary exploitation, OSINT, and cryptography.

TECHNICAL SKILLS

CTF Domains: OSINT, Cryptography.

Tools & Platforms: Common CTF challenges.

Professional Skills: Team Strategy, Talent Management

PROJECTS

Secured RFID Access Control System

Technologies: Raspberry Pi, Arduino, RFID, Python, AES Encryption, HMAC-SHA256

- Designed a secure RFID-based authentication system with mutual authentication and encrypted credential storage.
- Implemented AES encryption and HMAC integrity validation to prevent spoofing and replay attacks.
- Added anti-cloning measures, key rotation, and tamper detection for enhanced system security.

EXPERIENCE

TRIADA CTF TEAM

Team Member

- Part of a student team that participates in Capture The Flag (CTF) competitions.
- Contributed to making small web and cryptography challenges for practice.
- Helped train new members on solving beginner-level cybersecurity problems.
- Reached a Top 1% ranking in national-level CTF leaderboards (CTFtime).

EDUCATION

Yenpoya Deemed To Be University

Bachelor of Computer Applications with specializations Ethical Hacking, Cybersecurity and Digital Forensics.

CERTIFICATIONS

- Operating Systems: Overview, Administration, and Security.
- Metasploit for Beginners: Ethical Penetration Testing.