

Gokul Amaran S

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PROFESSIONAL SUMMARY

Cybersecurity Engineer with hands-on experience in penetration testing, vulnerability assessment, and secure system development. Demonstrated expertise in web application security, API security testing, Windows (Active Directory) enumeration, and secure coding practices. Proven track record with **18+ podium finishes** across 25+ national-level CTF competitions and responsible vulnerability disclosures to global organizations.

EDUCATION

Bachelor of Engineering in Cybersecurity	2023 – 2027
<i>SRM Valliammai Engineering College, Chennai</i>	CGPA: 8.15

TECHNICAL SKILLS

Programming Languages : Python, Bash, HTML/CSS
Cybersecurity Tools : Burp Suite, Metasploit, BloodHound, Powerview, CrackMapExec, Hydra, Rubeus, Mimikatz
Infrastructure & OS : Linux Administration (Kali / Ubuntu), Windows (Active Directory)
Databases : MySQL, MongoDB
Offensive Security Domains : Web Application Security, Windows (Active Directory) Exploitation, API Security

PROJECTS

Fluxion – Zero Trust Encrypted File Sharing Platform | [Github](#)

- Engineered an end-to-end encrypted (E2EE) file sharing platform with zero server-side data exposure, eliminating all plaintext access at the server layer.
- Integrated decentralized peer-to-peer communication via WebRTC and mitigated man-in-the-middle (MITM) attacks through strict TLS enforcement.
- Implemented **Zero Trust architecture** ensuring the server remains completely blind to plaintext files and decryption keys, achieving full client-side confidentiality.

Hustlefy – Hyperlocal Job Matching Platform | [Github](#) | *MSME Registered Startup*

- Implemented secure authentication with Firebase, JWT middleware, and email verification supporting dual-role user management (employers and job seekers).
- Developed real-time dashboards and automated workflows for complete job lifecycle management and task fulfillment tracking.
- Deployed cross-platform Android application using Capacitor, enabling hyperlocal gig discovery with location-based matching.

VULNERABILITY DISCLOSURES

Responsible Disclosure – jackjones.in (BestsellerGroup)	Severity: HIGH
View Report	

- Authentication Bypass vulnerability identified and responsibly disclosed.

Vulnerability Acknowledgment – Versuni 2025	Severity: MEDIUM
Hall-of-Fame	

- Vulnerability assessment findings acknowledged by Versuni's security team.

CERTIFICATIONS

- **Certified in Cybersecurity (CC)** – ISC2
- **Certified Network Security Practitioner (CNSP)** – The SecOps Group
- **Red Hat Linux Fundamentals** – Red Hat (RHEL)
- **Cybersecurity Fundamentals** – IBM
- **Networking Basics** – Cisco
- **Certified Red Team Professional (CRTP)** – Altered Security
- **API Security Certified Professional (ASCP)** – APISEC University (*In Progress*)

ACHIEVEMENTS & CTF COMPETITIONS

1st Place – CyberFeast (Invente'25), Shiv Nadar University	Nov 2025
1st Place – Final Trace, TechnoVIT 2025, VIT Chennai (24-hour CTF)	Aug 2025
1st Place – Boot2Root, Savara 2026, IIITDM Kanchipuram	Mar 2026
1st Place – WTF 3.0, Hack The Box Chennai x SRM IST	Mar 2026
1st Place – Shell Smash CTF (TEXUS '26), SRM IST Ramapuram	Feb 2026
2nd Place – CyberTron CTF (30-hour), New Prince Engineering College	Apr 2026
3rd Place – DEFCON Chennai CTF	Apr 2026
12th Place – Kaalchakra CTF, National Forensic Sciences University Goa (250+ teams)	

Our Team **Cyb3rs3c** participated in 25+ cybersecurity and Capture The Flag (CTF) competitions, securing **18+ podium finishes**.