

GOKULAMARAN S

Cyber Security Engineer

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PROFILE

Cybersecurity-focused engineering student with hands-on experience in penetration testing, vulnerability assessment, and secure system development. Strong in web application security, API security testing, Active Directory enumeration, and problem-solving through real-world projects, CTF competitions, and security research.

EDUCATION

Bachelor of Engineering in Cybersecurity SRM Valliammai Engineering College, Chennai	8.15 CGPA 2023-2027
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TECHNICAL SKILLS

Languages : Python, Bash, HTML/CSS, PowerShell Scripting

Cybersecurity tools: Burp Suite (Advanced), Nmap, Wireshark, Metasploit, BloodHound, Powerview, AirCrack-ng, CrackMapExec, SQLMap, FFUF, Hydra, Rubeus, Mimikatz

Infrastructure: Linux Administration (Kali / Ubuntu / Arch), Active Directory Red Teaming

Databases: MySQL, MongoDB

Offensive Security : Web Application Security, Active Directory Exploitation, Wireless Pentesting.

PROJECTS

Fluxion – Encrypted File Sharing Platform - [Zero Trust Secure Share](#)
(AES-256-GCM, RSA-2048, WebRTC)

- Engineered an end-to-end encrypted (E2EE) file sharing platform with zero server-side data exposure.
- Integrated decentralized peer-to-peer communication via WebRTC; mitigated MITM attacks via strict TLS enforcement.
- Applied Zero Trust architecture — server remains completely blind to plaintext files and decryption keys.

Hustlefy – [Job Matching Platform](#)

(Node.js, Express, React, MongoDB, Firebase, Capacitor)

Startup initiative, MSME registered

- Implemented secure authentication with Firebase, JWT middleware, and email verification for dual-role users.
- Built real-time dashboards and workflows for job lifecycle management and automated task fulfillment.
- Enabled cross-platform Android deployment using Capacitor for hyperlocal gig discovery.

ACHIEVEMENTS

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| • First Place, CyberFeast (Invente'25) — Shiv Nadar University | National Level Nov - 2025 |
| • First Place, Final Trace - TechnoVIT 2025 , VIT Chennai – 24-hour CTF | National Level Aug- 2025 |
| • First Place, Boot2Root – Savara 2026 , IIITDM Kanchipuram | National Level Mar- 2026 |
| • First Place, WTF 3.0 – Hack The Box Chennai × SRM IST | National Level Mar- 2026 |
| • First Place, Shell Smash CTF (TEXUS '26) – SRM IST Ramapuram | National Level Feb- 2026 |
| • Second Place, CyberTron CTF - (30h duration), New Prince Engineering College | National Level Apr- 2026 |
| • Third Place, DEFCON Chennai CTF – 8-hour cybersecurity competition | National Level Apr- 2026 |
| • Kaalchakra CTF 12th - National Forensic Sciences University Goa (Out of 250+ Teams) | |
| • Our Team Cyb3rs3c participated in 25+ cybersecurity and Capture The Flag (CTF) competitions, securing 18+ podium finishes . | |

CERTIFICATIONS

- **Certified In CyberSecurity** - [ISC2](#)
- **Certified Network Security Practitioner** - [The SecOps Group](#)
- **Red Hat Linux Fundamentals** - [RHEL](#)
- **Cybersecurity Fundamentals** - [IBM](#)
- **Networking Basics** - [Cisco](#)
- **CRTP** - Altered Security (Pursuing)
- **ASCP** - APISEC University (Pursuing)

VULNERABILITY DISCLOSURES

- **Responsible Disclosure** — jackjones.in (Bestseller Group) | **Severity: HIGH** – [Authentication Bypass](#)
- **Vulnerability Acknowledgment** — Versuni 2025 | **Severity: MEDIUM** - [Vulnerability Assesment](#)