PRADYUN R

Coimbatore , Tamil Nadu

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Summary

Cybersecurity Enthusiast

Application Security Researcher

Fascinated by the inner workings of everyday technology with a strong interest in ethical hacking and offensive security. Focused on web and mobile exploitation through CTFs and boot-to-root challenges. Passionate about learning by doing and exploring real-world vulnerabilities.

Education

Kumaraguru College of Technology	**Sep. 2022 – May 2026**
Bachelor of Engineering in Electronics and Communication	*Coimbatore, Tamil Nadu*

Technical Skills

Security Tools: Metasploit; Burp Suite; Nmap; Wireshark; Nessus; OpenVAS

Core Competencies: Web Application Security; Mobile Reversing; Vulnerability Assessment; Penetration Testing; Red Teaming; Privilege Escalation; OWASP Top 10; Report Writing

Scripting & Automation: Python; Bash

Operating Systems: Windows; Linux (Kali, Ubuntu);

Networking Protocols: OSI Model; TCP/IP Stack; Common Network Services .

Experience

Sakthi Finance Limited	**2025**
Freelance Pentester (Web, API, Mobile)	*Coimbatore, Tamil Nadu*

- Web: Discovered a Local File Inclusion (LFI) vulnerability in the "show PDF" functionality.
- API: Identified major flaws including PII exposure, lack of auth/authz checks, GCM nonce reuse, and critical business logic bypass allowing unlimited top-ups.
- Mobile: Reported insecure storage of sensitive data in plaintext, bypassed root/emulator detection and SSL pinning.

Hack The Box	**2023 – Present**
Pro Hacker	*Remote*

- Gained hands-on experience in penetration testing, cryptography, networking, web application security, and forensics.
- Solved real-world scenarios and boot-to-root machines to strengthen practical offensive security skills.
- Profile: Hack The Box

CTF — NOVA	**2023 – Present**
Co-Lead, Student CTF Team	*India*

- Co-leading NOVA, a top 5 ranked student-led CTF team in India, competing in national and global cybersecurity contests.
- Specialize in solving challenges related to web exploitation, binary exploitation (pwn), cryptography, and forensics.
- Foster a learning-centric environment through mentoring, team collaboration, and strategic play.
- Developed a custom Discord bot to automate CTF announcements, manage flag submissions, and streamline team coordination. GitHub Repo
- Profiles: CTFtime, Hack The Box

Achievements

NCIIPC AICTE Pentathon	**2024–2025**

- Winner of the national-level **NCIIPC AICTE Pentathon 2025**.
- Finalist in the **2024** edition, competing against top cybersecurity teams across India.
- Received recognition from NCIIPC for responsible vulnerability disclosure.

Capture the Flag (CTF) Competitions	**2024**

- **Winner**, Great AppSec Hackathon 2024 – focused on real-world application security challenges.
- **Finalist**, Tamil Nadu Police Yukthi CTF – conducted by the Cyber Crime Division.
- **Finalist**, Territorial Army CyberQuest CTF – organized for national cyber capability development.
- **Finalist**, DSCI EY CTF 2024 – a high-stakes industry-level capture the flag event.