

# Raghav Sharma

**Cybersecurity Analyst** | wrk.raghav@gmail.com | +91 xxxxxxxx | Ghaziabad, Uttar Pradesh  
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## PROFESSIONAL SUMMARY

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B.Tech. Computer Science and Engineering student specialising in web application security, penetration testing, and vulnerability assessment. Holds active Certified Red Team Analyst (CRTA) and Certified Network Security Practitioner (CNSP) certifications. Proficient in Burp Suite, Nmap, Metasploit, Nuclei, and Python-based security tooling. Regularly practises on TryHackMe, HackTheBox, and PortSwigger Web Security Academy. Seeking an entry-level Cybersecurity Analyst or junior penetration tester role.

## WORK EXPERIENCE

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**Cybersecurity Intern — ENCODERSPRO PRIVATE LIMITED (Remote)** Jun 2025 – Jul 2025

- Conducted web application penetration testing (WAPT) against staging environments, identifying OWASP Top 10 vulnerabilities and delivering prioritised remediation guidance to the development team.
- Performed network security assessments using Nmap and Metasploit to enumerate open services and validate firewall configurations; executed OSINT investigations to surface threat-actor indicators.

## PROJECTS

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**WAPT\_AI – AI-Powered Web Application Penetration Testing Framework** Mar 2026 – Present  
github.com/hey-raghav/WAPT\_AI

- Architected a framework combining traditional vulnerability scanning with AI-driven dynamic payload generation (Ollama llama3.2:3b), detecting 23+ vulnerability classes including SQLi, XSS, SSTI, and JWT attacks — generating 1,200+ payloads and reducing manual crafting time by ~60%.
- Built a multi-threaded async scanning engine covering 50+ endpoints per session; achieved ~85% detection rate on OWASP Top 10 in controlled environments with structured reporting in HTML, JSON, and TXT. Stack: Python, Kali Linux, Git.

## TECHNICAL SKILLS

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**Security Tools:** Burp Suite, Nmap, Metasploit, Nuclei, Searchsploit

**Frameworks & Methodologies:** OWASP Top 10, MITRE ATT&CK

**Programming:** Python, Bash, JavaScript, HTML, CSS

**Networking:** TCP/IP, HTTP/HTTPS, DNS, SSH, FTP, JWT (JSON Web Tokens)

**OS / Cloud:** Kali Linux, Ubuntu, Windows 11, AWS, Tailscale (self-hosted mesh VPN)

**Platforms & VCS:** TryHackMe, HackTheBox, PortSwigger Web Security Academy, Git, GitHub

## CERTIFICATIONS

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**Certified Red Team Analyst (CRTA)** — CyberWarFare Labs February 2026 | Active

**Certified Network Security Practitioner (CNSP)** — The SecOps Group January 2026 | Active

## EDUCATION

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**B.Tech. – Computer Science and Engineering** | ABESIT, Ghaziabad, Uttar Pradesh | SGPA: 7.2 / 10 (till Semester 5) | In Progress (Oct 2023 – Present)

**Languages:** English (Fluent), Hindi (Native)