

# VIVEK NANDA K

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## Summary

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Cybersecurity student with a strong foundation in penetration testing, OSINT, and network security. Experienced in identifying vulnerabilities, performing reconnaissance, and securing systems using Kali Linux, Wireshark, Burp Suite, and Proxychains. Passionate about ethical hacking, web security, and developing secure solutions through continuous learning and practice.

## Technical Skills

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**Security Tools:** Kali Linux, Wireshark, Burp Suite, Nmap, Metasploit, Nikto, Proxychains, Tor Browser, OSINT (Netcraft, Wappalyzer)

**Networking:** TCP/IP, DNS, HTTP/S, Packet Analysis, VLANs, Network Scanning

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

**Other Tools:** Git, VirtualBox, VMware, MongoDB Compass

## Projects

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### OSINT-Based Vulnerability Discovery

*Cybersecurity Mini Project*

- Conducted in-depth OSINT reconnaissance on target websites, pinpointing outdated software versions and misconfigured servers, allowing internal teams to patch vulnerabilities within a 48-hour window.
- Identified exposed technologies and weak headers using Netcraft and Wappalyzer.
- Prepared a detailed vulnerability report with remediation recommendations.

### Anonymized Browsing Using Proxychains and Tor Browser

*Cybersecurity Mini Project*

- Configured Proxychains and Tor to anonymize IP addresses and secure traffic flow across multiple layers.
- Verified network-level anonymization through packet analysis and traffic monitoring.
- Tools: Proxychains, Tor, Wireshark, Kali Linux.

## Certifications

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- Introduction to Cybersecurity – Cisco Networking Academy (2024)
- Google Cybersecurity Professional Certificate – Coursera (In Progress)
- Ethical Hacking Essentials – EC-Council (2024)

## Achievements & Activities

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- Participated in **Pentathlon 2024 (Virtual)** — a national-level cybersecurity competition.
- Completed 3 labs on SQL Injection through PortSwigger Web Security Academy.
- Active learner on TryHackMe and Hack The Box; completed practical cybersecurity challenges.
- Developed and presented two academic cybersecurity mini projects using open-source tools.

## Education

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**B.Tech in Computer Science and Engineering**

**Expected: 2026**

KGiSL Institute of Technology, Anna University

CGPA: 7.47 / 10

References available upon request.