

Kaif Tarasgar

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LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Cybersecurity student pursuing BSc in Cybersecurity with hands-on experience in ethical hacking, penetration testing, cloud security, and threat intelligence. Completed multiple industry internships and earned professional certifications including Google Cybersecurity Professional, CEH v12, and CompTIA Security+. Skilled in web application security, network analysis, and security automation.

EXPERIENCE

Cyber Security Intern – ShadowFox | Sep–Oct 2025

- Completed MSME and ISO 9001 certified advanced cybersecurity internship with real-time lab challenges
- Performed penetration testing, vulnerability assessment, and network security analysis on production systems
- Applied ethical hacking techniques including password cracking, hash analysis, and exploitation frameworks

Palo Alto Cybersecurity Virtual Intern – AICTE | Jul–Sep 2025

- Completed 10-week program focused on network security, threat prevention, and firewall configuration
- Gained hands-on experience with Palo Alto Networks security tools, SIEM platforms, and SOC operations
- Developed understanding of enterprise security infrastructure and risk assessment methodologies

Ethical Hacking Virtual Intern – EduSkills Foundation (AICTE) | Apr–Jun 2025

- Completed 10-week program covering SQL Injection, XSS, CSRF, and web application security testing
- Gained hands-on experience with Nmap, Metasploit, Wireshark, and Burp Suite for penetration testing
- Performed reconnaissance, vulnerability scanning, and exploitation on authorized target systems

Zero Trust Cloud Security Virtual Intern – Zscaler | Jan–Mar 2025

- Implemented Zero Trust security frameworks for securing cloud environments and remote access
- Enhanced understanding of Zscaler Zero Trust Exchange and cloud security posture management
- Applied identity and access management principles to strengthen organizational security posture

Cyber Security Intern – Prodigy InfoTech | Jul–Aug 2025

- Conducted security assessments and vulnerability analysis on web applications and network systems
- Developed Python and JavaScript scripts for security testing automation and log analysis

EDUCATION

Pimpri Chinchwad University – Maval, Pune, Maharashtra

Aug 2024 – Apr 2027

Bachelor of Science in Cyber Security and Forensics

Focus: Network Security, Ethical Hacking, Digital Forensics, Incident Response, Secure Coding

D. Y. Patil College of Engineering (DYPCOE) – Akurdi, Pune

Completed

Higher Secondary Education (11th and 12th Grade)

TECHNICAL SKILLS

Cybersecurity: Ethical Hacking, Penetration Testing, Web Application Security, Network Security, Vulnerability Assessment, Threat Intelligence, OSINT, Zero Trust Architecture, Red Teaming, Digital Forensics, Incident Response

Security Tools: Metasploit, Burp Suite, Wireshark, Nmap, Kali Linux, SIEM, SOAR, Microsoft Defender

Frameworks: OWASP Top 10, MITRE ATT&CK

PROJECTS

Packet-Scope – Real-time network packet analyzer with payload detection, geolocation mapping, protocol statistics, and malicious IP alerting system. Technologies: Python

Password-Security-Center – Advanced password generator and security analyzer with zxvcbn strength scoring, breach checking via Have I Been Pwned API, and custom dictionary mixing. Technologies: JavaScript

Pixel-Image-Encryptor – Browser-based image encryption tool with custom key implementation and secure on-device processing without server uploads. Technologies: JavaScript, CSS

Keylogger – Educational keylogger for ethical hacking practice and security awareness training. Technologies: Python, pynput library

CERTIFICATIONS

Google Cybersecurity Professional – Google (Sep 2025)

Certified Ethical Hacker (CEH) v12 – Coursera/Packt (Jun 2025)

CompTIA Security+ (SY0-701) – Coursera (Sep 2025)

CompTIA PenTest+ (PT0-002) – Coursera (Sep 2025)

Microsoft Cybersecurity Analyst – Microsoft (Sep 2025)

Microsoft Azure Security Tools Specialization – Microsoft (Oct 2025)

Palo Alto Networks Security Operations Fundamentals – Palo Alto Networks (Aug 2025)

Oracle Cloud Infrastructure 2025 AI Foundations Associate – Oracle (Aug 2025)

Red Hat OpenShift Applications (DO101) – Red Hat (Oct 2025)

Additional certifications available on LinkedIn

EXTRACURRICULAR ACTIVITIES

CTF Competitions: Chaitanya CTF 2025 (HPTU), ZERODAY CTF (Zero Logon), TATA Crucible Campus Quiz 2025

Cybersecurity Training: HackHunt 2025 Bug Bounty Bootcamp, IntelVan 2025 Threat Intelligence and OSINT Masterclass, Threat Evasion and Offensive Tooling Masterclass

Technical Workshops: OSINTMantra Bootcamp 2025, Netflix Clone Development Bootcamp, AI Tools for Cybersecurity