

KAIF TARASGAR

Cyber Security

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Pune, Maharashtra, India

SUMMARY

Cybersecurity undergraduate specializing in penetration testing, web application security, and SOC operations. Hands-on experience in ethical hacking, vulnerability assessment, SIEM analysis, and OWASP Top 10 testing through multiple internships and real-world projects. CEH, Security+, and Pentest+ certified with a strong foundation in network and cloud security.

EDUCATION

BSc in Cyber Security and Forensics

Pimpri Chinchwad University

08/2024 - Present
Maval, Pune, Maharashtra

Higher Secondary Education (11th and 12th Grade)

D. Y. Patil College of Engineering (DYPCOE)

Akurdi, Pune

PROJECTS

Packet-Scope

- Real-time network packet analyzer
- Built a tool for real-time network packet capture and analysis.
- Features include payload detection, protocol statistics, malicious IP alerting, and geolocation mapping.
- Designed to assist in network monitoring and threat detection.

Password-Security-Center

- Developed an advanced password generator and security analyzer.
- Integrated zxcvbn for password strength scoring.
- Implemented [Have I Been Pwned API](#) to check password exposure in data breaches.
- Added custom dictionary mixing for stronger password creation.

EXPERIENCE

Ethical Hacking Virtual Intern

EduSkills Foundation

04/2025 - 07/2025

- Completed a 10-week ethical hacking program covering SQL Injection, XSS, CSRF, and web application security testing.
- Used tools such as Nmap, Metasploit, Wireshark, and Burp Suite for penetration testing activities.
- Conducted reconnaissance, vulnerability scanning, exploitation, and post-exploitation on authorized systems.
- Strengthened understanding of OWASP Top 10 vulnerabilities.

Cyber Security Intern

Prodigy InfoTech

07/2025 - 08/2025

- Conducted security assessments and vulnerability analysis on web applications and network systems.
- Developed Python and JavaScript scripts for security testing automation and log analysis.
- Assisted in identifying weaknesses and improving security controls through structured testing.

Palo Alto Cybersecurity Virtual Intern

AICTE

07/2025 - 09/2025

- Completed a 10-week virtual internship focused on network security, firewall configuration, and threat prevention.
- Gained hands-on exposure to Palo Alto Networks security tools, SIEM platforms, and SOC operations.
- Developed understanding of enterprise security architecture, risk assessment, and incident monitoring workflows.

Cyber Security Intern

ShadowFox

09/2025 - 10/2025

- 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
- Identified 15+ vulnerabilities across simulated environments.

LANGUAGES

English Hindi Marathi

SKILLS

Security Domains

Penetration Testing

Web Application Security

Network Security

Cloud Security Forensics

OSINT

Tools & Technologies

Nmap Burp Suite

Terminal Metasploit

Wireshark Kali Linux

SIEM SQL

OWASP Top 10

EXTRACURRICULAR ACTIVITIES

Capture The Flag (CTF)

Chaitanya CTF 2025 (HPTU) – Participated in challenges related to web exploitation, cryptography, and reverse engineering. Analyzed 30+ security logs during CTF and lab challenges.

ZERODAY CTF (Zero Logon)

Solved practical cybersecurity challenges focused on vulnerability exploitation and privilege escalation

TATA Crucible Campus Quiz 2025

Competed in national-level technical and aptitude quiz

PROJECTS

Pixel-Image-Encryptor

Client-Side Image Encryption Tool

- Created a browser-based image encryption application.
- Implemented custom encryption keys with secure on-device processing.
- Ensured no server uploads, improving privacy and data security.

Keylogger (Educational Project)

Ethical Hacking & Security Awareness Tool

- Developed an educational keylogger for ethical hacking practice.
- Used for security awareness training and defensive understanding.
- Designed strictly for authorized and educational use cases.

CERTIFICATION

[Google Cybersecurity Professional](#)

[Certified Ethical Hacker \(CEH\) v12](#)

[CompTIA Security+ \(SY0-701\)](#)

[CompTIA PenTest+ \(PT0-002\)](#)

[Microsoft Cybersecurity Analyst](#)

[Microsoft Azure Security Tools Specialization](#)

[Palo Alto Networks Security Operations Fundamentals](#)

[Oracle Cloud Infrastructure 2025 AI Foundations Associate](#)

[Red Hat OpenShift Applications \(DO101\)](#)

[Much more on LinkedIn](#)

EXTRACURRICULAR ACTIVITIES

Cybersecurity Training & Bootcamps

- **HackHunt 2025 Bug Bounty Bootcamp** – Hands-on training in bug bounty methodologies, vulnerability discovery, and responsible disclosure
- **IntelVan 2025 Threat Intelligence & OSINT Masterclass** – Practical exposure to threat intelligence gathering, OSINT tools, and adversary profiling
- **Threat Evasion & Offensive Tooling Masterclass** – Learned advanced offensive security concepts and evasion techniques

Technical Workshops

- **OSINTMantra Bootcamp 2025** – OSINT methodologies, digital footprint analysis, and open-source investigation techniques
- **Netflix Clone Development Workshop** – Full-stack development fundamentals and secure application design concepts
- **AI Tools for Cybersecurity Workshop** – Use of AI-driven tools for threat detection, analysis, and security automation