

Purva Nalawade

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Thane, Maharashtra

PROFILE SUMMARY

Cybersecurity student with hands-on exposure to red teaming, security operations concepts, and CTF-based learning. CEH v13 and ISC2 Certified in Cybersecurity (CC). Contributed to the book Intelligent Forensic. Experience includes hackathon and project work in phishing detection, network security, and secure system design, with a strong interest in defensive and offensive security fundamentals.

SKILLS

- **Programming:** C, Python
- **Platforms / Environments:** Windows, Linux, VirtualBox (sandbox/isolated labs)
- **Tools:** Wireshark, Metasploit, Nmap, Suricata, Autopsy, Git & GitHub
- **Web Development:** HTML, CSS, JavaScript, Next.js, React
- **Soft Skills:** Teamwork, Communication, Leadership, Adaptability, Problem-Solving, Time Management

PROFESSIONAL EXPERIENCE

Maharashtra Cyber

Jan 2026 – Present

Cybersecurity Intern

Gaining in-depth exposure to SOC architecture and the configuration of enterprise SIEM tools (QRadar) for real-time threat monitoring. Studying Attack Surface Management (ASM) methodologies to understand how digital footprints are mapped and security telemetry is analyzed.

DeepCytes Cyber Labs UK

Jul 2025 – Dec 2025

Red Team Analyst – Intern

Conducted VAPT on web applications using Burp Suite and Nmap, identifying critical vulnerabilities aligned with OWASP Top 10. Documented security flaws and generated detailed remediation reports to assist development teams in patching vulnerabilities.

Millennium Enterprise

Mar 2025 – May 2025

Full Stack Development Intern

Developed secure, end-to-end web applications with a focus on robust backend logic and authentication mechanisms (JWT/OAuth). Implemented input validation and data sanitization to prevent common attacks like SQL Injection and XSS, ensuring code security.

PROJECTS

Phishing Link Detection & Takedown Platform

Finalist – iDEA Hackathon 2025 (Top 10 of 40+ teams)

Built a platform for public sector banks to detect/report phishing URLs. Included AI detection, blacklist checks, SSL validation, and takedown escalation to CERT-In.

Tech Stack: Next.js, Django, Supabase, Python

Harden the Grid: Cyber Defence for CCTV Infrastructure

Consolation Prize Winner – CCTV Surveillance Security & Forensics Hackathon 2.0 (Top 10)

Designed a multi-layered cybersecurity architecture to protect CCTV networks from hacking and data breaches. Included encrypted transmission, role-based access, zero-trust security, and real-time threat detection using IDS/IPS and threat intelligence feeds.

Tech Stack: Flask, nginx (NVR), WireGuard, TLS/HTTPS, Keycloak (RBAC/MFA/Zero-Trust), Suricata (IDS/IPS), AbuseIPDB (Threat Feeds)

CERTIFICATIONS

- Certified in Cybersecurity (CC) – ISC2 (2025)
- Certified Ethical Hacker (CEH v13) – EC-Council (Jul 2025)
- Fortinet Certified Associate in Cybersecurity – Fortinet Training Institute & AICTE (2024)
- Virtual Internship Certificate in Cybersecurity – Palo Alto Networks & AICTE (2024)
- Virtual Internship Certificate in Zero Trust Security – Zscaler & AICTE (2024)

EDUCATION

Shah and Anchor Kutchhi Engineering College

2023 – Present

B.Tech in Cyber Security (CGPA: 8.5) • Honors in AI/ML (CGPA: 9.0)

People's Education Society (HSC)

2021 – 2023

Holy Cross Convent High School (SSC)

2015 – 2021