

PEER HASSAN SHAHEED KHAN

Pune, Maharashtra • +91 9890467034 • hassan14kha@gmail.com

LinkedIn: linkedin.com/in/contact-hassankhan • GitHub: github.com/contact-hassan-khan • Portfolio: hassan-khan.dev

PROFESSIONAL SUMMARY

B.Tech Computer Engineering graduate (May 2025) and CEH v13 candidate with **hands-on SOC Analyst experience**. Developed production-ready security tools including **PhishGuard** (phishing detector) and **netscan-cli** (network vulnerability scanner). Proven track record in threat analysis, automation, and presenting research at international conferences.

TECHNICAL SKILLS

Languages: Python, Bash

Security Tools: Nmap, Wireshark, Burp Suite, OWASP Top 10, Vulnerability Assessment

Cloud & DevOps: AWS (S3, Lambda, CloudFront, IAM), Docker, GitHub Actions, Linux

Development: Streamlit, Git, VS Code

PROFESSIONAL EXPERIENCE

SOC Analyst Intern

Chaitanya Cyber Strix Technologies Private Limited, Hyderabad • Nov 2023 – Jan 2024

- Performed **hands-on cybersecurity operations** using enterprise security tools for threat detection and analysis
- Successfully met all internship objectives in **security monitoring, incident response, and vulnerability assessment**

PROJECTS

netscan-cli – Network Security Scanner

Python, Scapy, Docker, GitHub Actions • github.com/contact-hassan-khan/netscan-cli

- Developed **production-ready CLI tool** for network discovery, port scanning, and **CVE vulnerability detection**
- 50MB Docker image** with automated PyPI publishing; generates JSON/HTML reports in under 2 minutes
- Implements **ARP/ICMP scanning** and flags high-severity vulnerabilities ($CVSS \geq 7.0$)

PhishGuard – Real-Time Phishing Detection System

Python, Streamlit, AWS, Google Safe Browsing API • phishguard.hassan-khan.dev

- Built **real-time URL and QR code phishing detector** with **200+ scans in 24 hours**
- Achieved **87 Lighthouse performance score** with automated AWS deployment pipeline
- Flagged 11% phishing attempts** in production environment

EDUCATION

B.Tech Computer Engineering • Keystone School of Engineering, Pune • May 2025 • CGPA: 7.48/10

CERTIFICATIONS & ACHIEVEMENTS

- Published Researcher** – Presented **2 peer-reviewed papers** on virtual lab security at international conferences (March & April 2025)
- CEH v13 Certification** (In Progress) – Certified Ethical Hacker candidate
- McKinsey.org Forward Program** – Strategic thinking and data-driven decision making (Jul 2025)
- Cisco Cybersecurity Foundations** – Introduction to Cybersecurity certification (Sep 2023)
- Technical Leadership** – Led 5-member team organizing coding workshops for 120+ students