

# Alex "Cipher" Kane

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## Professional Summary

Experienced ethical hacker and penetration tester with a proven track record of uncovering security flaws in networks, applications, and infrastructure. Skilled in red teaming, vulnerability research, and threat modeling. Passionate about cybersecurity education and open-source tool development.

## Skills

Penetration Testing (Web, Network, Mobile)  
Red Team Operations & Adversary Emulation  
Reverse Engineering & Malware Analysis  
Security Auditing & Vulnerability Assessment  
Languages: Python, Bash, C, Assembly  
Tools: Metasploit, Burp Suite, Nmap, Wireshark, Ghidra

## Certifications

Certified Ethical Hacker (CEH)  
Offensive Security Certified Professional (OSCP)  
CompTIA Security+

## Experience

**Senior Penetration Tester** - *DarkNet Defense Ltd.* 2021–Present  
Conducted advanced penetration tests, simulated attacks, and led red team engagements for high-profile clients.

**Security Analyst** - *CyberSentinel Inc.* 2018–2021  
Performed vulnerability assessments, developed security reports, and coordinated with development teams to remediate flaws.

**Freelance Bug Bounty Hunter** - *Independent* 2015–2018  
Discovered and responsibly disclosed vulnerabilities in platforms such as HackerOne and Bugcrowd.

## Projects

**OpenScope Recon Tool** – Automation for OSINT and initial reconnaissance.  
**ZeroDayHub** – A platform for curated 0-day POCs and threat intel.  
**VulnLab** – A self-hosted lab environment for training and CTF practice.

## Education

B.S. in Cybersecurity – Tech State University (2014)