

PROFESSIONAL SUMMARY

A highly motivated and skilled cybersecurity professional with expertise in penetration testing, vulnerability assessment, and SIEM development. Proven ability to lead teams, manage projects, and deliver innovative solutions. Passionate about staying ahead of emerging threats and technologies.

EDUCATION

- VIT Bhopal University

B.Tech in Computer Science with specialization in Cybersecurity

CGPA: 8.26/10

India

June 2021 - 2025

SKILLS

- Security Skills:** Penetration Testing, Vulnerability Assessment, SIEM, Ethical Hacking, Incident Response, Threat Intelligence, Security Operations, Cloud Security, Network Security, Governance, Risk Management, and Compliance (GRC), NIST Framework, Web3 Security, Blockchain
- Technical Skills:** Linux Administration, Networking, Python, Java , APIs and Web Services, , Cloud Storage Security (IPFS), ML, Threat Detection Algorithms, System Administration, Network Configuration, API Security

CERTIFICATIONS

- Certified Ethical Hacker (CEH) - EC-Council
- Certified Network Security Practitioner (CNSP) - The SecOps Group
- IAmneo HPC DSA CPP

INTERNSHIP AND EXPERIENCE

- Ethical Hacking Intern

Nov'23 - Dec'23

- Conducted comprehensive security assessments, systematically identifying and ethically exploiting Cross-Site Scripting (XSS) vulnerabilities across diverse web platforms.
 - Developed detailed vulnerability reports with forensic-level security assessments and strategic mitigation recommendations.
 - Designed and implemented advanced cybersecurity laboratory environments, simulating real-world security scenarios to enhance practical expertise.
- Shadownik

June 2024 - Present

Freelance Consultant

Remote

 - Freelanced and led a team of 10 members focused on cybersecurity, digital marketing, web development, and hosting services.
 - Launched website creation and hosting services for clients, expanding the company's offerings.
 - Initiated the development of an open-source SIEM tool with offensive and defensive capabilities for future deployment.
 - Managed daily operations, created standardized procedures, and coordinated team efforts to align with company objectives.
 - Link:** <https://www.shadownik.online>

PROJECTS

- Offensive Scanner: Security Testing Tool

March 2024 - Present

Lead Developer

 - Developed a comprehensive Java-based security scanning tool for ethical hackers and security professionals.
 - Implemented modular design with multithreaded scanning capabilities for port scanning, vulnerability detection, and network reconnaissance.
 - Tech Stack:** Java, Maven, YAML, Command-Line Interface, Multithreading
 - https://github.com/5h4d0wn1k/offensive-scanner**
- Cybersecurity Services, Products, and Education Platform

Jan'25 - Present

Freelancer and Lead Developer

 - Established a platform providing comprehensive cybersecurity services, including security audits, Web3 security solutions, and incident response.
 - Developed an advanced SIEM platform with blockchain technology, real-time analytics, AI-driven threat detection, and compliance reporting.
 - Integrated interactive courses, labs, and assessments for hands-on cybersecurity training.
 - Link:** cybersecurity.shadownik.online
- Open-Source SIEM Platform

Oct'24 - Jan'25

Lead Developer and Architect

 - Developed a SIEM solution with offensive and defensive cybersecurity capabilities.
 - Implemented a Python-based backend with advanced threat detection and real-time log correlation.
 - Created a Next.js frontend with dynamic threat visualization and interactive security dashboards.
 - Tech Stack:** Python, Next.js, Machine Learning, Threat Detection Algorithms

- **GitHub:** github.com/5h4d0wn1k/enterprise-siem-platform

- **Decentralized Secure Cloud Storage**

Dec'23 - Feb'24

- *Developer*
 - Engineered a blockchain-powered cloud storage solution using Ethereum and IPFS.
 - Implemented Metamask authentication and Hardhat for local Ethereum node configuration.
 - Developed Solidity smart contracts for secure, decentralized data storage.
 - **Tech used:** Solidity, Hardhat, Metamask, Ethereum, IPFS
 - **GitHub:** github.com/5h4d0wn1k/Decentralized-cloud-storage

VOLUNTEER EXPERIENCE

- **DEFCON Franklin IT Security Project** October 2024 - Present
 - *Volunteer - Cybersecurity Infrastructure Defender* Remote
- **Ministry of Home Affairs, India** August 2024 - Present
 - *Cybersecurity Awareness Volunteer and Cyber Expert* Remote

PUBLICATIONS

- Filed patent: "A SELF-CLEANING GLASSES CASE SYSTEM" (Application No: 202421032123)

ACTIVITIES AND ACHIEVEMENTS

- Ranked 36th in CyVIT CTF competition at VIT Bhopal, Participated in DSA Dash, Smart India Hackathon, and Kavach - March 2023
- Ranked in the top 12% globally on TryHackMe, Active contributor on Leetcode and Hack The Box platforms, Former core member of Health O Tech Club, VIT Bhopal (July 2021)