

Herish Chaniyara

Cybersecurity Engineer

Cybersecurity Engineer with a strong focus on Vulnerability Assessment and Penetration Testing (VAPT). Adept at uncovering security vulnerabilities, analyzing threats, and reporting them. Committed to maintaining secure digital environments by leveraging expertise in ethical hacking, network security, and advanced security auditing. Actively involved in projects, CTF challenges, and continuous learning to stay ahead of evolving cybersecurity threats.

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EXPERIENCE

Cyber Security Engineer

Orionik Technologies Pvt Ltd

10/2024 - Present

Achievements/Tasks

- Conducted comprehensive vulnerability assessments and penetration tests to identify and mitigate security risks.
- Discovered and remediated over 20 critical vulnerabilities, significantly enhancing organizational security.
- Collaborated with cross-functional teams to integrate best security practices and ensure compliance with industry standards.

Microsoft Learn Student Ambassador

Microsoft

11/2023 - Present

Achievements/Tasks

- Organized and led technical learning sessions, emphasizing AI, cloud, and different practices.
- Enhanced community engagement, increasing awareness of essential different-different skills and practices.

PROJECTS

Shear Brilliance Website Security Testing

(10/2024 - 12/2024)

- Independently performed a detailed VAPT, identifying vulnerabilities such as **Broken Access Control**, **CSRF**, **JWT Mismanagement**, and **Sensitive Data Exposure** with comprehensive proof of concept (PoC).
- Provided actionable recommendations, strengthening the website's overall security framework.

Cybersecurity Simulation (02/2023 - Present)

- Tackled advanced CTF challenges on platforms like TryHackMe, HackerOne, picoCTF, and PortSwigger.
- Developed hands-on expertise in identifying and exploiting vulnerabilities, offering valuable insights for their resolution.

Vulnerability Assessment Tool Development

(05/2024 - 07/2024)

- Created a Python-based automated vulnerability assessment tool.
- Improved assessment efficiency by 50% and accuracy by 30% compared to traditional tools.

PortSwigger Labs Completion (09/2024 - 11/2024)

- Completed all labs on PortSwigger, gaining in-depth practical knowledge in web application security testing.
- Developed comprehensive PoC for vulnerabilities identified during the lab exercises, demonstrating proficiency in detecting and addressing web application security flaws.

SKILLS

Vulnerability Assessment

Penetration Testing

Ethical Hacking

Cybersecurity

Network Security

Security Auditing

Information Security

Exploitation Techniques

Intrusion Detection

Cryptography

Security Research

EDUCATION

B.E. in Information Technology (06/2021 - Present)

Gujarat Technological University (CPI: 8.64)

CERTIFICATIONS

Cybersecurity Professional Certificate – Google

Proficient in network defense, cryptography, and threat detection.

Complete Ethical Hacking Masterclass – Udemy

Expertise in penetration testing using industry-standard tools.

Cyber Security Fundamentals – TryHackMe

Hands-on experience in network scanning and vulnerability assessment.

Microsoft Certified: Azure AI Fundamentals (AI-900)

Knowledge of AI integration in automated threat detection systems.

LEADERSHIP & PUBLIC SPEAKING

Event Coordinator – Crypt the Treasure, Government Engineering College, Modasa

Organized a cybersecurity treasure hunt, enhancing practical knowledge and engagement.

Delivered a presentation on Azure AI, showcasing its role in improving automated measures.

LANGUAGES

English

Professional Working Proficiency

Hindi

Full Professional Proficiency

Gujarati

Native or Bilingual Proficiency