# Herish Chaniyara

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Cybersecurity enthusiast with a strong foundation in ethical hacking, vulnerability assessment, and network security. Committed to identifying and mitigating security threats, I am eager to leverage my skills and knowledge to enhance digital security at innovative organizations such as Microsoft. Dedicated to continuous learning and applying cutting-edge cybersecurity practices to safeguard critical systems and data.

## Education

**Government Engineering College, Modasa, Bachelor of Engineering (B.E.), class of 2025 (8.62 CGPA)**

Major in Information Technology

- During Internship at 3WAYSOURCE LLP, Fixed 20+ bugs on the website and implemented numerous enhancements to improve the overall user experience.

## Certifications

- CISSP, Ethical Hacking, Introduction to Cyber Security - SkillUp by SimpliLearn
- Cybersecurity Professional Certificate - Google (Coursera)
- Complete Ethical Hacking Masterclass: Go from Zero to Hero – Udemy
- Cyber Security Fundamentals (Advent of Cyber 2023) - TryHackMe
- Microsoft Certified: Azure AI Fundamentals (AI-900) - Microsoft
- Microsoft Learn Student Ambassador - Microsoft

## Skills

**Hard Skills:**
- Basic Network Security
- Introduction to Ethical Hacking
- Vulnerability Assessment
- Incident Response Basics
- Security Information and Event Management (SIEM)
- Malware Analysis Basics
- Security Auditing

**Soft Skills:**
- Leadership
- Problem-Solving
- Team Collaboration
- Adaptability
- Public Speaking
- Time Management
- Strategic Planning
- Communication

## Projects

### 1. Cybersecurity Simulation

**Description:** Gained practical experience on the TryHackMe platform, where I worked on various challenges to hone my skills.

**Technologies Used**: Network scanning tools, vulnerability scanners, TryHackMe.

### 2. Vulnerability Assessment Tool Development

**Description:** Developed a tool to automate the vulnerability assessment process for small to medium-sized enterprises. This project involved writing scripts to detect common vulnerabilities and integrating them into an easy-to-use interface.

**Technologies Used:** Python, OWASP ZAP.

**Achievements: Reduced assessment time by 50% and improved detection accuracy by 30%.**

### 3. Malware Analysis Platform:

**Description:** Created a platform for automated malware analysis and reporting. This involved setting up a controlled environment to

safely execute and analyze malware samples, and generating detailed reports on their behavior.

**Technologies Used:** Python, YARA, VirtualBox.

**Achievements: Enabled faster and more efficient analysis of malicious software, improving response times to threats.**

4. Google Cybersecurity Professional Certificate Portfolio Activities:

- professional statement
- Controls and compliance checklist
- Applying the NIST CSF
- Incident report analysis
- Apply filters to SQL queries
- File permissions in Linux
- Risk-register

## Experience

Data Analytics Internship, IBM
Nov 2023 - Dec 2023

Position: Intern

Accomplishments:
- Gained valuable insights into Data Analytics, Big Data, and the future of Data Analysis in real-world applications.

Microsoft Learn Student Ambassadors, Microsoft
Nov 2023 - Present

Ambassador Program: Microsoft Learn Student Ambassador (Beta)

Responsibilities and Accomplishments:
- Collaborated with Microsoft to spearhead new tech learning as part of the MLSA Beta program.
- Actively engaged with the student community, resulting in increased awareness and participation through successful events and cloud skills challenges, contributing to the recognition of my college and university by Microsoft and other leading multinational corporations (MNCs).

## Volunteer Experience

Class Representative
- Represented the class in academic and administrative matters, acting as a liaison between students and faculty.

Event Coordinator - Crypt the Treasure
- Led event planning and execution for "Crypt the Treasure," demonstrating strategic planning and problem-solving skills.
- Managed a team of 130 members, resulting in successful event completion.

## Presentation

A Gentle Introduction to Azure AI
- Event Date: June 22, 2024
- Attendees: 235
- Delivered a comprehensive presentation on Azure AI, covering its capabilities and applications in various industries.

## Declaration

I hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above-mentioned particulars.

**Place:** Surat, Gujarat, India
**Date:** 01.07.2024

Herish