Yogitha Tippireddy

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CAREER OBJECTIVE

Dynamic and driven cybersecurity enthusiast with foundational expertise in cybersecurity and network security. Eager to secure digital landscapes while evolving in a fast-paced security environment.

EDUCATION

Prasad V Potluri Institute of Technology Kanuru, Vijayawada
Bachelor of Technology in Computer Science — CGPA - 9.02 *Jun. 2022 – Current*

PROJECTS

Python Keylogger | *Python* July 2024
- Developed a simple Python-based keylogger that records keystrokes typed on a system upon execution.
- This captures and stores keystrokes in a log file for analysis,enabling detailed analysis of user activity for monitoring, diagnostic, or forensic purposes.

Home Lab setup | *Oracle VM,Kali Linux* Sep 2024
- Designed and configured a home lab using Virtual Box gaining practical hands-on experience with VMs.
- Deployed and secured various operating systems(Windows,Linux,Ubuntu) enhancing technical skills.

Phishing Attack Simulator | *GoPhish,Railway* May 2025
- Simulated real-world phishing attacks to evaluate user behavior and identify potential vulnerabilities.
- Analyzed campaign results to provide actionable insights on user susceptibility and enhance security awareness training efforts.

Insider Threat Detection | *Deep Learning, Python* Oct 2025
- Developed a machine learning model to identify anomalous user behavior indicative of potential insider threats.
- Analyzed user activity patterns to detect deviations from normal behavior, providing insights for proactive threat mitigation.

INTERNSHIPS

Cyber Security Job Simulation By Forage | *Mastercard*
- Learned about Cyber attacks, created presentations educating on phishing attacks and simulated results of the phishing.

Zero Trust Cloud Security Virtual Internship | *Zscaler*
- Studied Zero Trust security principles and their cloud implementation and learned methods to mitigate Cyber threats using Zero Trust architecture.

CERTIFICATES

- **Cybersecurity Professional Certificate** By *Google*
- **Azure Fundamentals - AZ900** By *Microsoft*
- **CCNA Certifications** By *Cisco Netacad*

    1. Introduction to Networks
    2. Switching, Routing, and Wireless Essentials
    3. Enterprise Networking, Security, and Automation

- **Introduction to Network Analysis** By *Security Blue Team*
- **Linux Fundamentals** By *HackTheBox*
- **The Cybersecurity Threat Landscape** By *Microsoft-Linkedin Learning*

SKILLSET

Languages: Python, Linux (CLI), SQL, C++
Frameworks and tools: NIST, Zero Security Framework, Wireshark, Nmap **Domain Skills:** Computer Networks, Threat and Vulnerability assessment, Incident Analysis, Malware analysis

ACHIEVEMENTS

- **Hands-on Labs**: Gained practical experience through hands-on labs on TryHackMe, HackTheBox, and LetsDefend.
- **College Ideathon**: Secured **2nd prize** for developing **Farm Connect**, an application connecting farmers and the consumers directly.
- **Quiz Week**: Organized and conducted a 6-day college quiz event as part of Student Council during Quiz Week 2025.
- **Notion Club**: Conducted multiple student-led events as a member of the **Lead Council** in the college's Notion Club.