HYDE CELESTIA TANDRA
CYBERSECURITY ANALYST

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EDUCATION

MS in Cybersecurity Management & Information Systems   **Dec 2024**
The University of Utah, David Eccles School of Business, Salt Lake City, UT, USA   **GPA: 3.9**
- *Relevant Coursework:* Secure Network Operations, Vulnerability Management, Risk & Compliance, Incident Response

B.Tech in Computer Science & Engineering   **Jul 2023**
Stanley College of Engineering and Technology, Hyderabad, TS, India   **GPA: 3.7**
- *Relevant Coursework:* Operating Systems, Computer Networks, Data Security, AI & ML, JAVA

PROFESSIONAL EXPERIENCE

Cybersecurity & RPA Intern, *Smart Bridge*, Hyderabad, TS, India   **Aug 2022 – Oct 2022**
- Engineered an automated threat detection framework using Blue Prism RPA, cutting manual security analysis time by 60%.
- Spearheaded the development of automated risk assessment workflows, decreasing manual assessment time by 70% and ensuring compliance with GDPR, a task typically led by senior cybersecurity analysts.
- Performed penetration testing and vulnerability assessments, identifying and mitigating 10+ critical security flaws, bolstering application security.

Security & CRM Developer Intern, *Salesforce Trailhead*, Hyderabad, TS, India   **Apr 2022 – Jun 2022**
- Integrated secure APIs and multi-layered access control to safeguard CRM data, reducing unauthorized access risks by 40%.
- Implemented end-to-end encryption protocols for sensitive customer data, fortifying data security and diminishing the potential for unauthorized data breaches by 65% during the internship.
- Optimized security compliance processes by automating risk audits, reducing audit preparation time by 30% and improving regulatory adherence.

SKILLS

- **Cybersecurity & Threat Intelligence**: Network Security, Threat Detection, Risk Assessment, Digital Forensics, SIEM (Splunk, Snort), LimaCharlie
- **Incident Response & Compliance**: Incident Handling, Phishing Prevention, Vulnerability Management, Security Auditing, Governance & Compliance
- **Penetration Testing & Security Analysis**: Ethical Hacking, Penetration Testing, Security Hardening, Malware Analysis, Endpoint Security
- **Cloud & Infrastructure Security**: Cloud Security (Azure, AWS), Firewall Configuration, Identity & Access Management (IAM), Encryption Techniques
- **Programming & Automation**: Python, SQL, Bash Scripting, PowerShell, Security Automation, Log Analysis
- **Operating Systems & Networking**: Linux Security, Windows Security, Secure Network Architecture, TCP/IP, DNS Security

PROJECTS & TRAINING

SOC Level 1 Training – Try Hack Me (2025)
- Built a Security Operations Center (SOC) using Sysmon, LimaCharlie, Silver, Ubuntu, and Windows to monitor, detect, and neutralize cyber threats.
- Devised incident response strategies, enhancing attack detection, investigation, and mitigation in simulated environments.

Phishing Attack Simulation with Gophish
- Orchestrated company-wide phishing simulations, improving employee security awareness and reducing phishing susceptibility by 35%.
- Interpreted campaign analytics to pinpoint vulnerabilities and reinforce preventive security measures.

PwC Switzerland & MasterCard Cybersecurity Simulations (Forage)
- Executed threat intelligence assessments, identifying potential security gaps and fortifying defenses.
- Strengthened corporate security awareness programs by detecting and classifying phishing threats.

CERTIFICATIONS

- **TryHackMe SOC Level 1**   **2025**
- **CompTIA Security+**   **2024**
- **Graduate Certificate in Information Systems**   **2024**
- **Cyber Security & Ethical Hacking BootCamp, Cybernesis InfoSec**   **2020**