Parnandi Rama Ramana Sharma

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SUMMARY

A highly driven cyber security enthusiast who is passionate about learning and has a strong desire to defend and mitigate from online dangers. In a difficult and dynamic setting, I'm looking for chances to use and develop my skills.

SKILLS

Ubuntu, EC2, Kali Linux, SIEM, Basic Python, Java, iOS and Android App Development, SQL, HTML, ELK stack, UBA, Wazuh, OpenSearch, Reporting, Excel. Mathematics, Coding, Problem Solving, Calculus, User Behaviour Analysis, ELK Stack, PcapXray, Web Tech, SQL, DBMS, Cybersecurity, Digital Forensics

EDUCATION

Masters, *The Ohio State University* — 2024 - 2026(Expected)
Masters in CSE

Bachelor of Technology, *VIT-AP* — 2020 - 2024
CSE with specialisation in Networking and Security — GPA: 8.89

High School, *Excellencia* — 2018 - 2020
A focus on Math, Physics and Chemistry — GPA: 10

EXPERIENCE

AI Security Intern
DigitalFotress, VIT-AP — *DEC 2023 - JUNE 2024*
Understanding type of Honeypots
Deployment of research based honeypots, setting up logging and monitoring system
Alerting mechanisms for the attacks detected by the honeypots, Wazuh, OpenSearch, T-Pot

GRC Intern (Governance, Rick and Compliance)
CyRAACS, Bengaluru — *OCT 2023 - FEB 2024*
Actively participated in team meetings, offering insightful suggestions that led to innovative problem-solving strategies.
Gained valuable experience working within a specific industry, applying learned concepts directly into relevant work situations.
Participated in professional development opportunities to enhance skill set, contributing to overall intern growth and potential future employment prospects.

PROJECTS

- **SIEM, Alerting System**
  Developed and implemented a cutting-edge SIEM solution utilising open-source tools such as HELK to proactively identify and mitigate Zerologon Vulnerability.
- **Advance Pcap Xray Tool**
  An automated Pcap Analysis(Automated Pcap Xray v2) tool which produces an interactive graph with details like ISP info and maliciousness of the actor/IP

- **Deriving Strength of a Password**
A program for identifying strength of a given password using encrypting and decrypting algorithm.
- **Interactive Portfolio**
An interactive portifolio created using HTML, CSS, PHP
- **UBA using ELK Stack and Beats**
Deploying ELK with FileBeats for User Behaviour Analysis
- **Basic Car Rental System**
Developed a Basic Car Rental System, enabling efficient car bookings, customer management, and payment processing. Implemented using MySQL, PHP, HTML, CSS
- **Automated Pcap Xray Tool**
Automated an open source Pcap Xray Tool, so that it can generate interactive graphs and identify the geo location of the IP address using API calls, pcap file or packets are captured using zeek(bro).
- **Client Server**
A java program to transfer zip file with larger size from server to client using java.net package.

CERTIFICATES

- Data Structures and Algorithms using Java, Infosys
- Basic Java, HackerRank
- Introduction to Cybersecurity Tools & Cyber Attacks, Coursera and IBM
- Introduction to Ethical Hacking, Great Learning Academy
- Cloud Security Fundamentals, Palo Alto Networks