Appala Chandu Sesha Sai Raghavendra

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SKILLS

- **Languages:** Python, Networking, Linux
- **Frameworks:** HTML, CSS
- **Tools/Platforms:** Kali Linux, Nmap, Wireshark
- **Soft Skills:** Problem-Solving Skills, Communication

PROJECTS

AI Fan-Fiction Assistant | HTML, CSS, JavaScript, Node.js, NLP, REST API
- Developed a web-based AI application that generates creative fan-fiction stories using Natural Language Processing (NLP).
- Integrated REST APIs to process user inputs such as fandom, characters, and context to produce personalized story outputs.
- Designed an interactive front-end interface and connected it with a backend NLP engine for seamless user experience.

Threat Detection & Monitoring Lab | Linux, VirtualBox/VMware, SIEM, Log Analysis, Incident Response
- Built a virtual SOC with Windows/Linux systems and integrated SIEM tools (Wazuh/Splunk) for centralized monitoring.
- Simulated cyberattacks and analyzed logs to detect anomalies and IOCs.
- Documented findings and created incident response reports with remediation steps.

TRAINING

Python Dynamics From Algorithms to AI – Lovely professional University   Jun' 2025 – Jul' 2025
- Delivered a fully functional console-based Library Management System handling **5,000+ book records** with **98% memory efficiency** and error-free operations.
- Designed and organized the system using **modular architecture** ensuring **30% faster compilation** and **25% reduction in pointer-related runtime issues** through clean pointer management and reliable memory flow.
- Built core DSA-driven features including **linked lists, hash tables, min-heaps, and stack-based undo**, improving overall data operation performance by **35%**.
- Integrated advanced capabilities such as **recursive book display** and **bubble-sort ID ordering**, boosting data retrieval and sorting speed by **40%**.
- **Tech Stack Used**: C++, Data Structures & Algorithms (Linked List, Stack, Heap, Hash Table, Recursion), OOP, VS Code, MinGW.

CERTIFICATES

- Complete Prompt Engineering, ChatGPT & AI Bootcamp –Udemy   Nov-- 2024
- Build Generative AI Apps & Solutions (No-Code) - Udemy   July --2024

- Computer Communications Specialization – Coursera   Oct – 2025
- Computational Theory & Automata   Nov – 2025

ACHIEVEMENTS

TRY HACKME top 40 %

Advanced to Round 3 out of 5 in a competitive Hackathon, demonstrating strong problem-solving and teamwork skills Completed multiple TryHackme rooms

EDUCATION

Lovely Professional University   Phagwara, Punjab

Bachelor of Technology - Computer Science and Engineering- CGPA: 6.4   Since October 2023

Narayana junior college   Bhimavaram, Andhra pradesh

Intermediate- Percentage: 8.7   July2021- March 2023

Narayana public school   Bhimavaram, Andhra pradesh

Matriculation- Percentage: 10.0   July 2020 - March 2021