

# Venkat Seshu Chembeti

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## PROFILE

I am a cybersecurity aspirant with a strong foundation in problem-solving and a comprehensive understanding of security principles. My expertise encompasses vulnerability analysis, risk management, incident response, network security, security auditing, and data security. I am eager to apply my analytical skills and technical knowledge to proactively address security challenges and contribute to building robust and resilient systems.

## EDUCATION

**MLR Institute of Technology,** Oct 2021 – Aug 2025 | Hyderabad, India  
*BTech in Computer Science & Engineering (Cybersecurity Specialization)*

**Narayana Jr. College,** Jun 2019 – Jun 2021 | Hyderabad, India  
*Intermediate Education (State Board of Intermediate Education)*

## PROJECTS

**Secure File Transfer Platform,** *Tech Stack: Python, HTML, CSS, HTTPS, Multi-factor Authentication*

Built and deployed a secure file transfer platform using Python, HTML, CSS, and HTTPS, incorporating multi-factor authentication to enhance security. Improved access control efficiency by 30%, ensuring safe and reliable file transfers.

**College Vehicle Security Management System,** *Tech Stack: Python, Real-Time Tracking, Access Control*

Designed and implemented a real-time vehicle monitoring system using Python, featuring secure access control and tracking capabilities to enhance campus security and provide actionable insights for efficient management.

**Blockchain-Based Bug Bounty Tracking System,** *Tech Stack: Flask, Web3.py, Solidity, SQLite, Ganache, Bootstrap*

Built a decentralized app to track and reward bug reports using blockchain. Integrated smart contracts in Solidity and Web3.py for automated reward validation and used Flask with SQLite for managing reports and user dashboards.

**Animal Health Care and SOS System (Ongoing),** *Tech Stack: Mobile App, Real-Time Alerts, Location Services*

Leading the creation of a mobile app for animal care and first aid with user-friendly interfaces, real-time alerts, and location-based services. Emphasizing data security, health regulation compliance, and regular updates for peak performance.

## INTERNSHIP EXPERIENCE

**Amalyte,** *Associate Developer Intern* Nov 2024 – May 2025

As an Associate Developer Intern at Amalyte, I design, develop, and test scalable software solutions while collaborating with teams to implement new features. I also participate in code reviews and project planning, gaining hands-on experience in web development.

**Palo Alto Networks Virtual Internship – Beacon AICTE**

- Explored threat prevention, security policies, and SIEM logging to detect and mitigate cyber threats.
- Worked on real-world case studies to enhance skills in securing enterprise environments.

**The Forge,** *Tata Services Cybersecurity SOC Analyst Virtual Internship*

- Analyzed real-world security incidents, learning to identify, investigate, and mitigate cyber threats.
- Gained hands-on experience in log analysis, SIEM operations, and network forensics.

## SKILLS

**Programming Languages,** *Python, Java, C*

**Web Development | Cloud Platforms,** *HTML, CSS, Django, MySQL, Wordpress | Azure Devops, AWS Cloud Foundations*

**Soft Skills,** *Leadership, Communication, Project Management, Critical Thinking*

## CERTIFICATES

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- Google Cybersecurity Professional Certificate (Coursera, 2024)
- Cisco Python Programming Essentials Certificate
- AWS Academy Cloud Foundations (AWS Academy) [↗](#)
- NPTEL Cloud Computing Course (2023)

## ACHIEVEMENTS

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- Recognized for **Organizing Design Thinking Workshop and Project Factory, Engineers Student Forum Regional, EloqVent** Events. && Awarded **Special Mention Certificate** in IASF 2023, IUCEE

## POSITION OF RESPONSIBILITY

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### **President, EWB-IUCEE MLRIT Student Chapter**

As President, I led the chapter, managing regional events and fostering an inclusive environment. Oversaw initiatives like the Engineers Student Forum, ensuring successful workshops and projects, while collaborating with participants to meet objectives.