

Venkat Seshu Chembeti

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PROFILE

I'm an aspiring cybersecurity and DevOps professional with a strong foundation in security operations, combined with hands-on learning in cloud and automation tools. I have completed recognized cybersecurity certifications and practical labs to strengthen my technical skills. I'm passionate about securing systems, improving processes, and continuously learning new technologies to help organizations build safe and reliable digital solutions.

INTERNSHIP EXPERIENCE

Amalyte, Associate Developer Intern Nov 2024 – May 2025

- Developed backend features using Python and Django, integrating security best practices.
- Collaborated on CI/CD pipelines with Azure DevOps, reducing deployment time by 15%.
- Conducted code reviews, identifying 10+ potential vulnerabilities.

EDUCATION

BTech in Computer Science & Engineering (Cybersecurity Specialization) | 7.16 Gpa, Oct 2021 – Aug 2025
MLR Institute of Technology Hyderabad, India

PROJECTS

Blockchain-Based Bug Bounty Tracker, Tech Stack: Flask, Web3.py, Solidity, SQLite, Ganache

- Developed a decentralized app to track and reward bug reports using smart contracts.
- Integrated Flask and SQLite for user dashboards, reducing report processing time by 20%.
- Deployed on Ganache, ensuring secure, transparent reward validation.

Secure File Transfer Platform, Tech Stack: Python, Django, HTML, CSS, HTTPS, MFA

- Built a secure platform with MFA, reducing unauthorized access risks by 30%.
- Implemented Django and MySQL for scalable user management and secure data handling.
- Deployed on AWS, optimizing performance for 100+ concurrent users.

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

- Designed a real-time monitoring system with secure access control for 100+ campus vehicles.
- Used Python and SQLite for efficient data processing and tracking analytics.

SKILLS

Cybersecurity, SIEM, Incident Response, Vulnerability Analysis, Network Forensics, MFA

Programming & Backend, Java, Python, C Language, Django, MySQL

DevOps, AWS, Azure DevOps, CI/CD, Linux

Tools, Nmap, Burp Suite, Wireshark, Ganache, N8N

Soft Skills, Leadership, Communication, Problem-Solving, Critical Thinking

CERTIFICATES

- Google Cybersecurity Professional Certificate – Coursera (Grow with google)
- Computer Networks and Internet Protocol - NPTEL Certification
- Cisco Python Programming Essentials - Cisco NetAcad
- AWS Academy Cloud Foundations - AWS Academy

POSITION OF RESPONSIBILITY

President, EWB-IUCEE MLRIT Student Chapter Jul 2024 – May 2025
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.
Hyderabad, India