

Venkatesh Arikatla

 Nellore, Andhra Pradesh |  arikatlavenkatesh2001@gmail.com |  +91 6305172084 |  Portfolio
 LinkedIn |  GitHub

Professional Summary

Cybersecurity graduate specializing in SOC operations, SIEM monitoring, intrusion detection, and vulnerability assessment with hands-on experience in Python, Nmap, and Linux environments. Proficient in threat analysis and security tool implementation. Seeking to apply technical expertise in a challenging cybersecurity role.

Education

Aditya University

Master of Computer Applications | CGPA: 8.68/10.0

Andhra Pradesh, India

2024 – 2026

Sree Venkateswara Degree College

Bachelor of Commerce | CGPA: 7.62/10.0

Andhra Pradesh, India

2019 – 2023

MasterMinds Junior College

Intermediate – MEC | CGPA: 9.17/10.0

Andhra Pradesh, India

2017 – 2019

New Vidya Bharathi E.M High School

SSC | CGPA: 9.0/10.0

Andhra Pradesh, India

2016 – 2017

Technical Skills

- Cybersecurity:** Network Security, Vulnerability Assessment, Penetration Testing, Security Protocols
- Networking:** TCP/IP, DNS, DHCP, LAN/WAN, VPN, Network Troubleshooting
- Programming & Tools:** Python, Java, Wireshark, Nmap, Metasploit, SIEM Tools
- Operating Systems & Protocols:** Windows, Linux (Kali, Ubuntu), HTTP/HTTPS, SSH, SSL/TLS

Experience

Summer Internship - Technical Hub Pvt Ltd

June 2, 2025 – July 28, 2025

- Reduced vulnerability identification time by 40% through computerized scanning tools
- Improved threat detection accuracy by 35% using SIEM log correlation techniques
- Enhanced SIEM Log Collector processing 10,000+ logs/minute with 99.5% data integrity

Projects

Network Intrusion Detection System | Python, Scapy, ML

Visit here

- Real-time threat detection with 92% accuracy; reduced false positives by 40%
- Improved threat detection speed by 60% through optimized ML algorithms

Automated Vulnerability Scanner Tool | Python, Nmap

Visit here

- Systematized security scanning with 95% accuracy in vulnerability identification
- Successfully scanned 1000+ endpoints with comprehensive port detection

WeatherVerse Pro | Spring Boot

Visit here

- Real-time weather app with REST APIs and user authentication
- Served 500+ concurrent users with <100ms response time

Certifications

- CCSA: Certified Cybersecurity Analyst** | Certificate ID: 28336-175-852-9708
- CPEH: Certified Professional Ethical Hacker** | Certificate ID: 28336-174-185-9409
- TryHackMe Learning Paths:** SOC Level1, Jr. Penetration Tester, Pre-Security, SOC Level2
- Google Cybersecurity Professional Certificate** | Google (Python, Linux, SQL, SIEM, IDS, Risk Assessment)