

Venkatesh Arikatla

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🌐 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Systematized security scanning with 95% accuracy in vulnerability identification• Successfully scanned 1000+ endpoints with comprehensive port detection	
WeatherVerse Pro Spring Boot	Visit here
<ul style="list-style-type: none">• 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)