Venkatesh Arikatla

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Career Objective

Motivated and detail-oriented professional seeking to leverage strong technical skills and problem-solving abilities in a challenging software development role. Passionate about creating efficient, scalable solutions and eager to contribute to innovative projects while continuing to grow and expand my expertise in modern technologies.

Technical Skills

- **Cybersecurity:** Network Security, Vulnerability Assessment, Threat Analysis, Security Protocols, Penetration Testing, Firewall Configuration
- **Networking:** TCP/IP, DNS, DHCP, Routing Protocols, LAN/WAN, Network Troubleshooting, VPN Configuration
- **Programming:** Python, Java, C++, Bash Scripting, PowerShell
- **Tools:** Wireshark, Nmap, Metasploit, Nessus, SIEM Tools, Burp Suite
- **Operating Systems:** Windows, Linux (Kali Linux, Ubuntu), Windows Server
- **Protocols:** HTTP/HTTPS, SSH, SSL/TLS, FTP, SMTP

Projects

- **Intrusion Detection System** | Python, Scapy, ML
  - Real-time network monitoring with signature-based threat detection
- **SIEM Log Collector** | ELK Stack, Python
  - Centralized log collection from multiple data sources and systems
- **Vulnerability Scanner Tool** | Python, Nmap
  - Automated network security scanning with port detection and vulnerability assessment
- **WeatherVerse Pro** | Java, Spring Boot, MySQL
  - Weather application with real-time data, REST APIs and user authentication
- **CryptoVerse Pro** | Java, Spring Boot, PostgreSQL
  - Cryptocurrency tracking platform with portfolio management and exchange API integration

Education

Master of Computer Applications — 2024 – 2026
Aditya University, Kakinada
- CGPA: 8.68/10.0

Bachelor of Commerce — 2019 – 2023
Sree Venkateswara Degree College, Guntur
- CGPA: 7.62/10.0

Intermediate — 2017 – 2019
MasterMinds, Guntur
- CGPA: 9.17/10.0

10th Class — 2017
New Vidya Bharathi E.M High School, Nellore
- CGPA: 9.0/10.0

Certifications

- **CCSA: Certified Cybersecurity Analyst** | Certificate ID: 28336-175-852-9708
- **CPEH: Certified Professional Ethical Hacker** | Certificate ID: 28336-174-185-9409
- **TryHackMe Completion Certificates** | Multiple security learning paths and challenges

Professional Skills

- Problem Solving
- Communication
- Team Collaboration
- Analytical Thinking