

KRANTHI KUMAR MANDA

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EDUCATION

The University of Tampa	May 2024
Master of Science: Cybersecurity	CGPA: 3.8
Rajiv Gandhi University of Knowledge Technologies	July 2021
Bachelor of Technology: Computer Science	CGPA: 3.42

WORK EXPERIENCE

Infosys Ltd	Hyderabad, India
Security Operations Center Analyst (SOC)	Aug 2021–Oct 2022
<ul style="list-style-type: none">Monitored SIEM and IDS/IPS feeds, detecting enterprise threats and initiating investigations, resulting in the identification and triaging of incidents with a 30% increase in threat identification efficiency.Collaborated with security incident response and investigations teams, forwarding findings for further investigation and remediation, contributing to a 25% reduction in incident response time.Provided analytical support for security incident calls across the enterprise, ensuring timely and effective response to emerging threats.Delivered root cause analysis and remediation techniques to clients, alongside governance documents, enabling proactive security measures and minimizing the impact of security incidents.Collaborated with team members to fine-tune SIEM applications, establishing a baseline for network activity and reducing false positive events by 20%.	
Meebuddy Pvt.Ltd	Nuzvid, India
Penetration Tester Internship	Aug 2019–Aug 2020
<ul style="list-style-type: none">Conducted penetration testing on Meebuddy's infrastructure and performed vulnerability assessments on database servers, identifying and remediating 15 critical vulnerabilities to enhance overall security posture.Verified SSL authentication for secure application development on Web Servers, ensuring robust encryption standards and mitigating the risk of data breaches.Analyzed systems for potential vulnerabilities arising from improper configuration, hardware/software flaws, or operational errors, resulting in the identification and remediation of 10 system vulnerabilities.Conducted white/gray box penetration testing on financial systems using Kali Linux, uncovering and addressing 3 high-risk vulnerabilities to fortify financial data protection.Utilized NMAP to port scan servers and closed unnecessary ports, reducing the attack surface and minimizing the risk of unauthorized access.Performed live packet data capture with Wireshark to examine security flaws, identifying and resolving 5 network security vulnerabilities.	

SKILLS

- Network traffic analysis (Wireshark, tcpdump), Vulnerability Assessment, Vulnerability Management (Qualys)
- Malware Analysis, Identity and Access Management (IAM), Web application security (OWASP), Penetration Testing
- SIEM (Splunk, Azure Sentinel), Networking (OSI Layers), IPS/IDS, Firewall, Ticketing tool (JIRA)
- Cloud (Amazon web services -AWS)
- Microsoft Office: Word, Excel, PowerPoint, Microsoft 365 Defender,
- Programming Languages/Coding: C, Selenium Java, Python. Command line: Linux/Unix

CERTIFICATIONS

- Certified Ethical Hacker (CEH Master)
- AWS Certified Cloud Practitioner
- CompTIA Security+
- Qualys Certified Specialist (VMDR)

ACHIEVEMENTS

- Secured 2nd position at Spartan CTF Winner, demonstrating proficiency in cybersecurity tactics and strategies, EC-Council, December 2023.
- Achieved 1st position at OWASP Q2 Chapter CTF Winner, showcasing expertise in web application security through offensive and defensive cybersecurity techniques, OWASP Tampa, April 2023.
- Coordinated and conducted 5 engaging security awareness sessions for approximately 100 employees as a part of Infosys cybersecurity training program in 2022.
- Actively participated in numerous Capture the Flag (CTF) competitions and consistently excelled in challenges hosted by platforms such as HackTheBox and TryHackMe.