HARSHITHA REDDY VANGA

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PROFESSIONAL EXPERIENCE

Security Analyst | Natsoft Corporation | Somerset NJ   **Jan 2024-Present**
- Utilized Wireshark for Network analysis including decrypting the encrypted traffic to view conversations for potentially triggered alerts.
- Actively involved in security audits of exposed ports and services on a network or system.
- Assist with the development, update, revision, and/or implementation of compliance policies, procedures, and practices for compliance.
- Utilized Nmap and Nessus for network Vulnerability scanning and output them for security audits.
- Monitored 40% of events with Splunk, related to network data, HTTP event collector, and Windows event logs including active directory.
- Utilized Python for performing sniffing and spoofing attacks to identify security gaps in the network.

Security Analyst Intern | Natsoft Corporation | Somerset NJ   **Aug 2023-Dec 2023**
- Monitored 26% of events with Splunk, identifying breaches, and ensuring routing to appropriate teams.
- Swiftly responded to alerts, assessed risks, and escalated incidents, minimizing response time, and mitigating effectively.
- Conducted Nessus scans, mitigating 15 high-risk vulnerabilities per scan, resulting in a 48% reduction in threats.
- Maintained vigilance on cyber trends, adapting strategies to emerging security challenges for proactive risk management.

IT Support Specialist | University of Central Missouri | Lees Summit MO   **Dec 2022-Jun 2023**
- Demonstrated proficiency in greeting visitors, securely handling sensitive communications, and meticulously managing inventory.
- Assisted in setting up and configuring video conferencing systems for remote meetings.
- Attained knowledge of Cybersecurity frameworks HIPAA, PCI-DSS, FedRAMP, and CSA STAR
- Provide first-level technical support to end-users, addressing hardware, software, and connectivity issues.
- Strong communication and interpersonal skills to effectively assist and educate non-technical users.

Cybersecurity Analyst | Infosys | Hyderabad India   **Aug 2021-July 2022**
- Automated vulnerability analysis in Splunk and Onapsis integration, enabling continuous monitoring and alarm generation.
- Reduced Authorization and Authentication vulnerabilities by 43% through collaboration with IT SOX and Internal Audit teams using Onapsis.
- Led initiatives, achieving a 30% increase in overall security and internal controls performance.
- Presented weekly updates to stakeholders and vendors on KPI for Vulnerability and risk management.
- Authored and disseminated communications for release notes, patches, system outages, maintenance, and incident response.
- Established Role-based Access Control (RBAC) and the Principle of Least Privilege across the system landscape.
- Actively participated in Internal and External audits along with business process owners and internal audit teams.

GRC Analyst | Tata Consultancy Services | Hyderabad India   **Oct 2019-Aug 2021**
- Achieved GDPR compliance through robust data security measures and active participation in audits.
- Identified and resolved 63% of vulnerabilities using Virtual Forge and GRC enhancing system security and regulatory compliance.
- Managed user provisioning and role administration in R3 Architectures and Native HANA 2.0.
- Participated in internal and external security audits and compliance assessments.
- Worked within an agile framework, participating in daily standups, backlog grooming, and retrospectives.
- Performed defect triage, and resolution, provided post-deployment support and training to production staff.
- Conducted comprehensive SOD Risk analysis and simulations to mitigate threats.
- Authored 100+ pages of procedures, announcements, and communications sent internally and externally.
- Received "Special Achievement" award for successful project implementations and audit management.

Security Administrator | Tata Consultancy Services | Gandhinagar India   **Sep 2018-Oct 2019**
- Triage the tickets based on criticality and provide resolution to end users and cross-functional teams.
- Conducted regular access reviews to ensure that only authorized individuals have access to sensitive data and systems.
- Performed User provisioning, role administration, and privileged access management across all landscapes.
- Provided on-call support for monthly patch updates and upgrades, including client visits to enhance collaboration.

Full Stack Java Developer Intern | Topnotch Software's | Hyderabad India   **Dec 2017-May 2018**
- Developed a full-stack Java application for a Banking website Implementing secure user authentication and authorization mechanisms.

ADDITIONAL PROJECTS

Mastercard Cybersecurity virtual experience program on Forage   **January 2024**
- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
- Helped identify and report security threats such as phishing.
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams.

CERTIFICATIONS
- CompTIA Security+
- (ISC)2 CC
- AWS Cloud Quest: Cloud Practioner
- Security Compass OWASP 2021

EDUCATION:

University of Central Missouri   **Dec 2023**
Master of Science in Cybersecurity and Information Assurance
Relevant Coursework: Advanced computer Networking Security, Ethical Hacking, Cybersecurity policies and Risk Management, Design of cryptographic algorithms and protocols, Threat Intelligence and Incident Response, Introduction to Information Assurance, Computer and Network Forensics, Design of Cryptographic algorithms and protocols, advanced algorithms.

Google Cybersecurity   **Nov-2023**
Vignan's University, Vadlamudi   **May 2018**
Bachelor of Technology in Computer Science & Engineering