BhanuPrakash Nadakuditi

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Education

The University of Tampa	August 2022–May 2024
Master of Science, Major: Cybersecurity	GPA: 3.67

PVP Siddhartha Institute of Technology	March 2017–April 2022
Bachelor of Technology, Major: Information Technology and Computer Science	GPA: 3.21

Professional Experience

Cybersecurity Student Analyst — Florida, USA
ITS, The University of Tampa — September 2023–May 2024
- Detected and mitigated over 30 attacks using Splunk and Microsoft Defender, effectively reducing security breaches.
- Enhanced communication between Security Operations and User Services teams, improving enterprise security.
- Analyzed risk by meticulously examining logs and data from diverse sources, enhancing decision-making accuracy by 35%.

Security Engineer — Karnataka, India
Tata Consultancy Services — April 2021–August 2022
- Performed Cloud security audits on AWS systems, uncovering 25+ pre-existing vulnerabilities and identifying 5+ new ones.
- Innovatively implemented CSPM (Cloud Security Posture Management) and CWP(Cloud Workload Protection), cutting real- time attacks by 50% in a test environment, ensuring compliance.
- Monitored and investigated live cloud traffic using Prisma Cloud, swiftly identifying, and addressing 50+ potential threats.
- Analyzed and troubleshooted 500+ alerts in the dev environment using Prisma Cloud and other native tools in 5 months.

Web Application Security Analyst Intern — Andhra Pradesh, India
Innogeeks — September 2020–March 2021
- Executed vulnerability assessments, mitigating key risks from OWASP's top 10, and optimizing web app security.
- Employed exploitation tools, including Metasploit and Cobalt Strike to identify and secure against unauthorized access.
- Collaborated with app developers to remediate over 50 vulnerabilities, ensuring information security and network security.

Security Researcher — Florida, USA
Independent Bug Bounty Hunter — March 2018–February 2024
- Led extensive security research over 3000 hours responsibly exposing 100+ Security vulnerabilities across 30+ organizations.
- Identified and reported Critical vulnerabilities such as unauthenticated RCE, XSS, and SSRF ensuring confidentiality.
- Enhanced cybersecurity through collaborations and write-ups with 20+ experts, boosting community support.

Certifications

- Certified Ethical Hacker (CEH Master) by Ec-Council
- CompTIA certified Pentest+ by CompTIA
- Certified Web Application Security Professional by Ec-Council

Projects

- Developed a Python tool Recon-Axe for one-click aggregation of subdomains, URLs, parameters, and DNS information.
- Created a risk management framework that asses the organization's security posture based on Various Factors.

Awards and Recognitions

- Won 1st Position in the BSides Tampa 2023 CTF competition (Tampa Bay's Premier IT Security).
- Won 1st Position in the Spartans CTF 2024 Organized by EC-council at the University of Tampa.
- Secured victory in the OWASP Tampa Chapter Q2 CTF Event.

Skills

Core Competencies & Tools: Threat Hunting | Threat and Vulnerability Management | Incident Response | Forensics | Intrusion Detection System/Intrusion Prevention System (IDS/IPS) | Network Security | Network Traffic Analysis | Network Pentest | Network Protocols | Endpoint Detection and Response (EDR) | Endpoint Security | Security Monitoring | Security Risk Management | Security Policies | Security Information and Event Management Tools (SIEM) | Social Engineering Awareness | Web App Pen Testing | Data Loss Prevention (DLP) | IT Risk Management and Risk analysis | Red Teaming Operations | MITRE ATT&CK | Cyber Kill Chain | OSINT | Operating Systems | Information Security | Risk Assessment | Firewalls/Anti-malware/Anti-virus Solutions | Splunk | Nessus | Wireshark | Snort | Burp Suite | Metasploit | Zap | Nmap | SQL Map | Acunetix | BetterCap | Prisma Cloud | SonarQube | Amass | FFUF | Kibana | Wazuh | Shodan | Unix | Linux.