CHARAN PADMA GANESH REDDY THAMANAMPUDI

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Professional Summary: IT Professional with 1 year of experience in Cyber Security skilled at Security Information and Event Management (SIEM) and Endpoint Detection and Response (EDR) tools like Splunk ,wazuh ,seceon , CrowdStrike and Microsoft Defender.

Technical Skills and Tools:

EDR: CrowdStrike and Microsoft Defender

SIEM: Splunk ,wazuh and seceon(ai siem,ai xdr)

Operating System: Windows ,Mac osand Linux

Firewall: Pfsence

Work History:

SOC Analyst in **Tech Defence Labs Private Limited**- Ahmedabad   December 2024- Current

Roles & Responsibilities:

SIEM Tool- Seceon, Splunk &Wazuh

- Collection and centralized analysis of log data from diverse IT infrastructure sources.
- Correlation of security events to identify anomalous and suspicious activities
- Application of security analytics to detect potential security breaches.
- Investigation and rapid response to security incidents.
- Analyzing and escalating various types of cyberattacks targeting clients.
- Assisting in the monitoring and analysis of security alerts to pinpoint potential threats.
- Generating detailed security reports for clients using a standardized format.
- Gaining practical, hands-on experience in Security Operations Center (SOC) practices and methodologies.
- Analyzing and monitoring client IP behavior.

Computer operator & Software tester in **Nisarg orthopaedic & wellness pvt.limted (DR at Doorstep)**

Roles & Responsibilities: April2023-Jun 2023

Softwares Use - CRM ,HRIS ,ERP.

- Proactively monitored computer systems to guarantee smooth operation, identifying and resolving potential issues before they impacted users.
- Performed routine system checks and efficiently resolved technical problems, minimizing system downtime and maximizing productivity.
- Managed comprehensive data backup and recovery procedures, ensuring data integrity and enabling rapid restoration in case of system failures
- Operated and maintained hardware and software assets according to company specifications, ensuring optimal performance and longevity.
- HIPAA Compliance & Security: Implemented and enforced security measures to protect sensitive patient data, maintaining strict confidentiality and ensuring adherence to HIPAA regulations.

Cyber Forensic & Ethical Hacking(Online Internship) in **"ST7 SURVEILLANCE SOLUTIONS PVT. LTD"**

Roles & Responsibilities: June2022- August2022

Tools Used - Wireshark,Nmap,Autopsy,Metasploit.

- Conducted vulnerability assessments using Nmap and Nessus, identifying and reporting critical security flaws.
- Assisted in digital forensic investigations by analyzing system logs and recovering deleted files using Autopsy.

- Utilized Wireshark to analyze network traffic, identifying and investigating suspicious activity, such as unauthorized port scanning and data exfiltration attempts.
- Participated in penetration testing exercises, gaining practical experience in exploiting common web application vulnerabilities, and utilized Wireshark to capture and analyze network traffic during simulated attacks.
- Gained practical experience in packet capture and analysis, using Wireshark to examine network traffic patterns and identify anomalous behavior.

Educational Details:

- **Parul University,Vadodara,Gujarat**   **2021 - Anticipate in Mar 2025**

  BTECH in Computer science and Engineering **-- Cyber Security**

Academic Project:

- CyberSafe is an online platform created to educate and protect students from digital dangers. It provides interactive lessons, real-life case studies, and expert advice on staying safe online. The platform offers tools to recognize cyber threats and take preventive measures. Students can report cybercrimes and seek guidance from cybersecurity experts. CyberSafe encourages responsible internet usage and promotes digital literacy, helping create a safer online environment

  --- Languages used are HTML, CSS, JavaScript,PostgreSQL,Node.js.

Certifications and Achievements:

- Professional Certification in Python and SQL (Basic to Advanced) – Urowebsoft Solutions.
- Cisco Networking Academy Certifications in Endpoint Security
- Certificate of Professional in Seceon
- Cyber Security Intern-MVARO in association with Verzeo
- Achieved NATIONAL CADET CORPS (NCC) B & C Certifications (2024)
- ISO/IEC 27001:2022 INFORMATION SECURITY ASSOCIATE™ from Skill Front
- Android Bug Bounty Hunting: Hunt Like a Rat in EC-Council Continuing Education

Declaration:

I hereby declare that the above written information is true to the best of my knowledge.