SIDDHARTH PRAVAT PANDA

Cyber Security Analyst

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SUMMARY

Highly motivated Cybersecurity Analyst with a strong foundation in cybersecurity, boasting 1 year of experience in threat detection, vulnerability analysis, and incident response. Skilled in both programming and cybersecurity tools, eager to bring a proactive and analytical approach to a cybersecurity analyst role, with a focus on optimizing security protocols and responding swiftly to threats.

SKILLS:

- **Key Skills:**

1. **Programming Languages:** Python, C, C++, HTML, CSS, JavaScript.
2. **Networking:** TCP/IP, VPN, Firewalls, IDS/IPS, Routing & Switching, DNS.
3. **Operating Systems:** Windows, Linux (Kali).
4. **Cybersecurity Tools:** Securonix, Rapid7, CrowdStrike.
5. **Threat Analysis:** Penetration Testing.
6. **Compliance & Regulations:** ISO 27001

- **Soft Skills:** Analytical Thinking, Team Management, Problem-Solving, Communication, Attention to Detail, Decision-Making, Time Management, Presentation Skills.

WORK EXPERIENCE

RNS TECHNOLOGY, PUNE, INDIA

Aug 2023 - Aug 2024

Security Operation Center(SOC) Analyst.

- **Enhanced Threat Response: Reduced incident response time by proactive monitoring and analysis of real-time security alerts.**
- **Incident Management: Investigated and neutralized threats (malware, phishing, unauthorized access), ensuring minimal business disruption.**
- **Optimization of Monitoring Tools: Reduced false positive alerts by fine-tuning security monitoring tools based on detailed analysis.**
- **Reporting & Communication: Prepared and presented monthly MIS reports to the leadership team, highlighting key metrics and security insights.**
- **User Training: Educated end-users on security best practices, improving organization-wide security awareness.**
- **Tools Used: Securonix, Rapid7, CrowdStrike.**

ACHIEVEMENTS:

- **Capture the Flag (CTF) Challenge: Secured 4th place in the Securonix CTF competition, showcasing strong problem-solving and technical skills in a competitive setting.**
- **Identified and Reported Vulnerabilities: Contributed to cybersecurity by identifying critical vulnerabilities in government infrastructure, including:**
- **CWE-863: Incorrect Authorization**
- **CWE-276: Incorrect Default Permission**
- **CWE-89: SQL Injection**
- **CWE-287: Broken Authentication**

CERTIFICATIONS:

- **Cyber Security & Forensics Graduate – Issued by IBM**
- **Python Programming – Ludifu**
- **Advanced Excel – Ludifu**
- **Operating Systems Fundamentals – LinkedIn**
- **Cyber Hygiene Practices – MeitY (Gov. of India)**
- **Google Professional Cyber Security – Coursera (Ongoing)**

EDUCATION:

B.Tech in Computer Science & Engineering

- **Vishwakarma University, Pune, India | Nov 2020 - Oct 2024**

12th Science

- **Trinity Junior College of Science & Commerce, Pune, India | Aug 2018 - Mar 2020**

X - ICSE

- **Hume McHenry Memorial Higher Secondary School, SDA, Pune, India | Mar 2017 - Mar 2018**

PROJECTS:

Vishwakarma University, Pune
Efficient-Courier-Tracking-System-master.

- The project aims to streamline and automate the process of tracking courier packages for courier companies and customers.
- It provides real-time tracking, package management, delivery personnel management, notifications, and reporting features.
- Used Python, HTML, CSS, and JavaScript, for this project.
- Python: Used for backend development, API creation, and database management.
- CSS: Used for styling and designing the user interface.
- HTML: Used for creating the structure and layout of web pages.
- JavaScript: Used for client-side interactions and enhancing user experience.

Vishwakarma University, Pune
Tic-tac-toe Game using Minimax Algorithm.

- Implemented the Minimax algorithm and translated the algorithm's logic into code, allowing the computer opponent to make intelligent moves based on the current game state.
- This involved considering all possible moves, evaluating the best move for the computer player, and predicting player moves to optimize gameplay.
- Used HTML, CSS, and JavaScript, for implementing the Tic-tac-toe Game.
- Contributed to the development of the game's user interface.
- Conducted thorough testing of the game to identify and resolve any bugs or issues.

LANGUAGES:

- English
- Hindi
- Marathi
- Odia