Pallavi

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Objective: Cybersecurity graduate student seeking a Cyber Security Intern role to support security monitoring, vulnerability management, and incident response within an enterprise environment.

Skills

- *Cybersecurity Defense & Monitoring*: Threat detection, incident response, intrusion analysis, vulnerability management
- *SIEM & Blue Team Tools*: Splunk (Cloud), ELK Stack, Zeek, Wireshark, Burp Suite
- *Cloud & Network Security*: AWS (S3, EC2, IAM, CloudTrail, GuardDuty), Python-based automation, nmap scanning
- *Privacy & Compliance*: Familiar with GDPR/CCPA principles, cookie consent, and secure data handling practices
- *Programming & Automation*: Python, Bash, Linux (Ubuntu/Kali)
- *Web Security*: Secure coding practices (HTML, CSS, JavaScript), HTTPS/SSL deployment, OWASP Top 10 mitigations
- *Collaboration & Documentation*: Incident documentation, Technical Reporting, JIRA, Confluence, GitHub

Projects

- Brute Force Attack Detection – Splunk Cloud
  - Created a Splunk dashboard and detection rule using SPL to identify failed login patterns by IP and user, supporting brute-force attack detection.
- SSH Log Monitoring – ELK Stack
  - Set up an ELK pipeline on a Linux system to parse SSH logs and visualize failed logins in Kibana.
  - Detected intrusion patterns using Elasticsearch queries and dashboards.
- SIEM Alert Response Simulation
  - Triaged simulated alerts, correlated logs from multiple sources, and documented incident reports.
  - Used Security Onion and Zeek to monitor network traffic and validate suspicious events during the simulation.
- Network Vulnerability Scanner – Python + Nmap
  - Built a CLI tool using Python and Nmap to identify open ports and flag them against CVE data for initial vulnerability awareness.
- *CloudTrail Threat Detection Script* – AWS + Python
  - Developed a Python script to fetch and analyze recent CloudTrail logs and detect high-risk API actions (e.g., CreateUser, StopLogging, PutBucketPolicy)
  - Added real-time alert notification integration with email and Slack

Experience

Value Edge Employment Inc., *Brampton, ON* - **Web Developer** (March 2024 - December 2024)

- Developed a secure company website using HTML, CSS, and JavaScript, integrating HTTPS, secure headers, and OWASP Top 10 mitigations for input validation and authentication
- Performed security audits of web applications and ensured secure deployment practices.

Investment Planning Counsel, *Mississauga, ON* - **Web Developer/Coordinator** (August 2022 - Feb 2024)

- Built and/or maintained over 100 new client advisor websites using CSS, HTML, and JavaScript, and using existing CMS templates
- Managed web hosting and DNS configurations; performed SSL certificate deployments and renewals, ensuring encrypted data transmission and domain integrity

Cognizant Technology Solutions, *Hyderabad, India* - **Senior Process Executive** (November 2017 - July 2020)

- Flagged integrity issues and contributed to ad policy enforcement
- Handled project development for Google Sitelink ads projects for clients
- Audited ad landing pages for content safety and spam control

Education

- MS in Computer Science – Cybersecurity January 2025 - Present (In Progress)
  Sofia University – Palo Alto, CA
- PG Certificate In Software Quality Assurance and Test Engineering, April 2022 & PG Certificate In Computer Applications Development, April 2021
  Conestoga College Institute of Technology And Advanced Learning - Waterloo, ON
- Bachelor's In Electronics & Communications Engineering, May 2017
  Indraprastha University, Panipat, India