ANKITA YANKANCHI

Cybersecurity Expert specializing in SOC operations, Incident Response and Vulnerability Management with a proven track record of strengthening security posture and mitigating cyber threats.

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EDUCATION

Bachelor of Engineering in Computer Science from New Horizon College of Engineering Bengaluru - 8.5 CGPA (9.8 SGPA) Jun 2025

CORE COMPETENCIES

- Cyber Threat Intelligence & Risk Assessment
- Incident Response & SIEM (Splunk, Microsoft Sentinel)
- Vulnerability Management
- Cloud Security (AWS, Azure)
- Endpoint Security (SentinelOne, EDR)
- Firewall & Network Security (Palo Alto)
- Compliance & Governance (ISO 27001, NIST)
- Security Awareness Training & Phishing Simulations
- Business Continuity & Disaster Recovery (BCP, DRP)

IT SKILLS

- **Security Practices:** Risk Assessments, Security Audits, Penetration Testing, Threat Modeling, Incident Response.

- **Programming & Scripting:** Python (Intermediate), Java (Intermediate)

SOFT SKILLS

- Collaborator
- Creative Thinking
- Communication
- Problem Solving

INVOLVEMENT

- 3rd Place, Startup Idea Competition – NHEI: Developed an innovative prototype, showcasing leadership and entrepreneurial skills.

- VP Public Relations, Toastmasters (Speech Studio Chapter) – Led recruitment efforts, expanding membership and fostering a collaborative environment through strategic communication.

- Simplilearn certificate in Cyber Security.

PROFILE SUMMARY

- **Cybersecurity Expert specializing in SOC operations, Incident Response and Vulnerability Management with a proven track record of strengthening security posture and mitigating cyber threats.**

- **Proven track record in designing, implementing, and managing security frameworks.**

- **Skilled in risk assessment, vulnerability identification, and precise incident response using SIEM tools.**

- **Possesses strong analytical abilities and stays current with evolving cybersecurity trends.**

- **Strong analytical abilities in correlating security events, conducting root cause analysis (RCA), and enforcing security controls to enhance network, application, and cloud security.**

- **Dedicated to safeguarding digital assets through continuous monitoring, risk assessment, and compliance adherence (ISO 27001, NIST).**

- **Skilled in investigating security incidents, analyzing attack patterns, and responding to threats with precision**.

EXPERIENCE

Cyber Security Engineer | Vontier | Aug 2024 - Present

Key Result Areas:
- Investigated **100+ security incidents**, including phishing attacks, malware infections, and unauthorized access attempts, ensuring rapid containment and mitigation.
- Led a company-wide security awareness program, increasing information security sophistication by 40%.
- Led the migration from Splunk to Google Chronicle, utilizing big data analytics to improve security insights.
- Developed and implemented **automated threat detection playbooks** using **SOAR solutions**, reducing incident response time by **30%**.
- Proficient in Vulnerability Management, encompassing vulnerability scanning and penetration testing.
- Strengthened Vontier's **BitSight Security Rating**, improving external cybersecurity posture by **20%** through risk-based remediation strategies.

Cyber Security Engineer | CodSoft | Nov 2023 - Jan 2024

Highlights:
- Contributed to the development and maintenance of incident response plans and procedures
- Designed and enhanced the Business Resilience Hub intranet site, integrating security awareness content and improving user engagement by 40%.
- **Security Awareness & Training:** Phishing Simulations, Employee Awareness Programs.

PROJECTS

Chefs On Steps | Python, Scikit-learn, SQL

- Built a cross-platform multi-screen application using Python and Kivy, ensured 100% compatibility across all devices.
- Enhanced real-time data synchronization with Firebase Realtime Database, increased data update speed by 70% and ensured zero inconsistencies during concurrent access.
- Implemented Firebase authentication, fortified security by reducing vulnerabilities by 95%.

Car Prediction Model | Anomaly Detection, Graph Machine Learning

- Enhanced model performance by optimizing feature engineering and hyperparameter tuning, reduced error rates by 15%.
- Developed an image classification model using Convolutional Neural Networks (CNNs), improved product listing accuracy by 40%.
- Built a regression-based ML model with Linear Regression and Random Forest achieved 95.81% accuracy.