

Lupanch Gupta

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SUMMARY

Strategic Cybersecurity Analyst with over 5 years of experience in advancing security protocols, including SIEM/SOAR platforms, and threat detection systems. Spearheaded the implementation of enhanced security measures, achieving a 30% reduction in incidents, and developed an automated threat detection system that increased accuracy by 35%. Seeking a Cybersecurity Analyst role to drive security excellence through proven skills in privacy, threat detection, and incident response across diverse environments. Strong expertise in IT compliance, cybersecurity policies, and incident management, ensuring alignment with regulatory frameworks. Known for delivering high-impact projects by leveraging analytical skills, risk analysis expertise, and technical acumen to meet organizational goals.

SKILLS

Core Competencies: Information Security, Vulnerability Management & Risk Assessment, Project Management, Software Testing, IT Compliance(NIST, HIPAA, GDPR), Strategic Planning, Quality Analysis, IT systems analysis and troubleshooting, Data analysis and reporting, Information Privacy, Incident Response

Technical Skills: Linux, Nessus, Burp Suite, Splunk, LogRhythm, IDS, IPS, DLP, Wireshark, MS Project, Visio, Juniper SRX, JIRA, Kanban, ServiceNow, Power BI, MS Office 365

EXPERIENCE

Senior Program Specialist

Texas Department of Agriculture

April 2025 – Present, Austin, TX

- Investigate and resolve Food & Nutrition Program complaints to ensure compliance with USDA, federal, and state requirements.
- Streamlined reporting workflows by integrating digital tools and standardizing documentation protocols, cultivating greater efficiency and compliance across Food & Nutrition Program operations.
- Conduct case research, interviews, and prepare Corrective Action Documents (CADs) with supporting evidence.
- Maintain records per TDA policy, ensuring timely complaint closure within 30-day federal guidelines.
- Analyze complaint data, identify operational trends, and recommend process improvements.
- Collaborate across programs to ensure documentation transparency and compliance consistency.

Senior Cybersecurity Analyst

City of Austin

January 2024 – March 2025, Austin, TX

- Conducted vulnerability assessments, risk analyses, and network monitoring using SIEM, IDS/IPS, and DLP tools.
- Designed and maintained secure network architecture aligned with NIST and ISO frameworks.
- Implemented and maintained an Enterprise SIEM platform for log collection, normalization, and correlation across 2,000+ endpoints and network devices.
- Created 40+ custom alert and detection rules aligned with MITRE ATT&CK framework, reducing false positives by 25%
- Collaborated with cross-functional teams to strengthen application and infrastructure security.
- Integrated data from log management systems and SIEM solutions to create automated KPI reporting dashboards using Power BI and Splunk, streamlining executive visibility into security operations.
- Analyzed and updated Business Impact Analyses (BIAs), Privacy Threshold Analyses (PTAs)/Privacy Impact Assessment (PIA), System Security Plans (SSPs), and Plan of Action and Milestones (POA&Ms).
- Communicated testing metrics and release status to management, ensuring transparency.

Senior Analyst

Accenture

January 2022 – December 2023, Austin, TX

- Collaborated with cross-functional stakeholders to evaluate and document operational inefficiencies, contributing to updated policies and internal procedures.
- Spearheaded the analysis and optimization of business processes using data-driven insights, which led to a 25% increase in operational efficiency across multiple client projects through the use of SQL, Tableau, and Excel.
- Developed and implemented cybersecurity policies and audit documentation standards.
- Assisted with procurement documentation and internal risk reviews to ensure project compliance with client requirements and contract terms.
- Contributed to corrective action planning and defect resolution processes that aligned with contract deliverables and vendor obligations.
- Facilitated performance evaluations by integrating JIRA, ServiceNow, and Microsoft Office 365 for seamless data collection and analysis.

Scrum Master

IBM

July 2021 – January 2022, Baton Rouge, LA

- Facilitated the use of JIRA to assign, track, and update sprint tasks, ensuring effective workflow and visibility throughout the development cycle.

- Spearheaded the introduction of Kanban metrics, aiding the team in swiftly adapting to testing the functionalities essential for requested features.
- Utilized a combination of Kanban boards and Scrum ceremonies.
- Ensured comprehensive Knowledge Transfer (KT) on Ensemble Order flow and CSM application for team members, fostering a deep understanding of critical processes.
- Produced polished deliverables for client presentations and demonstrations, showcasing the team's accomplishments and project outcomes effectively.
- Mentored team members in Agile methodologies over a 6-month period, utilizing JIRA and Kanban to elevate efficiency and foster Agile maturity.

Healthcare Practice Manager

United States Army

May 2016 – June 2021, Savannah, GA

- Directed the workflow of a 27-member healthcare team, utilizing workforce management software to coordinate scheduling, delegate tasks, and facilitate collaborative problem resolution.
- Performed comprehensive investigations into suspected HIPAA breaches by collecting and analyzing documentation, utilizing electronic health records systems and incident tracking software while ensuring data security.
- Utilized health information systems and reporting tools to track, document, and integrate audit findings into ongoing privacy compliance activities.
- Conducted detailed investigations related to audit results and implemented corrective action plans to address root causes.

Firewall Support Engineer

AIG

February 2015 – April 2016, Fort Worth, TX

- Utilized ServiceNow ticket management tool to deliver client support, handling change requests, incident resolutions, and troubleshooting tasks.
- Oversaw and generated bi-monthly reports regarding VPN incident tickets, monitoring remote access volume and performance to guarantee smooth operations.
- Achieved a reduction in misrouted incident tickets to 16%.
- Developed user-friendly external self-service troubleshooting guides to aid users in login procedures, enhancing setup, configuration, and remote access assistance.
- Experience in configuration of Juniper and Palo Alto firewall according to topology and features such as ACLs, VPN and data filtering.
- Conducted regular system monitoring and maintenance, ensuring data security and system integrity.

EDUCATION

MA in Interaction & UI/UX Design

Academy of Art University • In Progress

MBA in Healthcare Management

Coleman University • San Diego, CA • 2014

Bachelors in Medical Laboratory Science

Lorma Colleges • Philippines • 2011

CERTIFICATIONS

PMP® Certification | Project Management Institute | 2024

Certified Information Privacy Manager (CIPM) | IAPP | 2024

Cybersecurity Professional Penetration Testing Program | Divergence Academy | 2023

CompTIA Security+ | CompTIA | 2023
