Bhargav Reddy Alla

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Professional Summary

A cybersecurity professional with extensive experience in securing complex IT environments across multiple platforms including AWS, Azure, and GCP. Skilled in the design and implementation of robust security measures, leveraging industry standards such as ISO/IEC 27001, SOC, PCI SSC, GDPR, and more. Proven track record in enhancing organizational security postures through strategic implementation of security protocols, comprehensive risk management, and advanced incident response strategies. Demonstrated ability to improve security frameworks and compliance, achieving significant reductions in vulnerabilities and breaches. Expert in a variety of security technologies and programming languages, with a strong focus on data protection, application security, and cloud security solutions. Committed to evolving security practices to mitigate emerging threats and enhance system resilience.

Technical Skills

Industry Standards & Frameworks: ISO/IEC 27001, SOC1 & SOC2, PCI SSC, ITIL, HIPPA, GDPR, MITRE ATT&CK, OSI, NIST CSF, RMF, OWASP, SSDLC, Agile Environment.
Cloud: Amazon Web Services (EC2, EMR, S3, Redshift, EMR, Lambda, Athena, Sage Maker.), Azure (Data Factory, Stream Analytics, Azure ML, Cosmos DB.), Google Cloud Platform (Cloud Storage, Data Prep, Big Query, Data Proc, Dataflow, Cloud Fusion, Auto ML.).
Databases: MySQL, SQL Server, PostgreSQL, HBase, Snowflake, Cassandra, MongoDB, Teradata.
ETL Tools: Informatica, Talend, PowerCenter, Alteryx, Tableau Prep.
Programming: HTML, CSS, JavaScript, Python, SQL, KQL, Bash, PowerShell.
SIEM Tools: Splunk, LogRhythm, Microsoft Azure Sentinel, Google Chronicle.
Operating Systems: Windows (11, 10, Server), Mac OS, Linux (Kali, Parrot).
Protocols: TCP/IP, WANs, LANs, SMTP, HTTP/HTTPS, FTP, POP, LDAP, SSH, SAML.
IAM Tools: CyberArk, Okta, Auth0.
Other: Wireless Network Security, Virtualization Security (VMware, Hyper-V), Firewall Management, Intrusion Detection and Prevention, VPN configuration, Security Auditing and Risk Management, Incident Response, Security Policy Development, Penetration Testing, Security Information and Event Management (SIEM), Threat Intelligence Analysis, Network Traffic Analysis.

Experience

DECIEM   **Toronto, ON, Canada**
Senior Cybersecurity Analyst   **January 2023 to Current**
- Configured and maintained the Data Loss Protection (DLP) platform, enhancing security measures and ensuring robust data protection for the organization.
- Managed the creation and thorough documentation of Data Loss Protection processes, aligning with industry standards and improving operational efficiency.
- Provided expert technical support on all aspects of DLP technologies, resulting in a 30% reduction in incident response times.
- Developed and produced monthly DLP metrics and reports, which contributed to strategic insights that reduced data breaches by 20% annually.
- Oversaw daily operations of the DLP system, including Incident Triage, Discovery Scanning, and Escalations, enhancing data integrity and compliance.
- Monitored and analysed endpoint Malware Protection systems, leading to a 15% improvement in threat detection capabilities.

Fortra   **Toronto, ON, Canada**
Security Compliance Analyst   **October 2021 to December 2022**
- Efficiently managed the collection and review of documentation for Market Conduct and Sales Reviews, ensuring adherence to regulatory and company-specific standards for Canada Protection Plan.
- Successfully negotiated and secured missing documentation, enhancing compliance rates by over 25% through diligent follow-ups and effective negotiation strategies.
- Implemented a robust tracking system for workflow and progress, which improved documentation review efficiency by 30% and ensured timely compliance assessments.
- Conducted detailed reviews of sales practices documentation against standardized compliance processes, identifying and addressing discrepancies to maintain alignment with regulatory and organizational requirements.
- Authored comprehensive review observations and findings reports, which contributed to a 20% increase in compliance awareness and improvement in sales practices.

Amazon   **Bengaluru, Karnataka, India**
Application Security Engineer   **March 2020 to August 2021**
- Conducted comprehensive application security reviews for over 50 applications annually, identifying critical vulnerabilities and enhancing security postures by 40% through remediation recommendations.
- Performed in-depth mobile security reviews, resulting in a 30% reduction in potential security breaches by implementing best practices in mobile application development and deployment.
- Designed secure architecture solutions for multiple high-stakes projects, ensuring compliance with the latest industry standards and reducing the risk of security incidents by 25%.
- Developed and executed threat models for new and existing software systems, improving threat detection and response capabilities by enhancing predictive security measures.

- Implemented and refined security metrics delivery systems, providing real-time data that improved decision-making and led to a 15% increase in security operations efficiency.

Techgene   **Hyderabad, Telangana, India**
Application Security Engineer   **September 2019 to February 2020**
- Actively involved in the evaluation, recommendation, and implementation of security solutions, leading to a 25% increase in system resilience against cyber threats.
- Provided expert input on the tuning and optimization of security systems, achieving a 20% improvement in system efficiency and threat detection accuracy.
- Adhered to ITIL practices for incident, problem, and change management, reducing resolution time by 30% and enhancing process compliance.
- Authored and maintained comprehensive customer build documents, security procedures, and processes, which improved operational clarity and staff adherence to security practices.
- Kept abreast of emerging security threats and applicable regulatory security requirements, integrating latest security measures that reduced potential vulnerabilities by 15%.

Projects

- Cloud Security Enhancement Initiative
- Automated Threat Detection System
- Secure Software Development Lifecycle (SSDLC) Implementation
- Data Protection Compliance Project
- Incident Response and Crisis Management Enhancement

Education

Manipal Institute of Technology   **June 2015 to June 2019**
B-Tech in Instrumentation & Control Engineering   **GPA: 3.8/4.0**

Certifications

- Google Cybersecurity Certification
- Azure Network Engineer Associate (AZ-700)
- Cisco Certified Network Associate (CCNA)
- Palo Alto Networks Certified Network Security Engineer (PCNSE)
- Blue Team Level 1 Certification