

Sam Babbitt

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Cyber Security Analyst

10+ years of experience as a Seasoned IT professional and healthcare manager with a proven track record in driving operational excellence and optimizing patient care. Transitioning into a cybersecurity career to address evolving threats and protect sensitive data. Expertise in risk management, compliance frameworks, and safeguarding critical infrastructure. Known for strategic thinking, problem-solving skills, and a passion for enhancing data security.

SKILLS PROFILE

Cybersecurity Skills: Knowledge in cybersecurity, including familiarity with security frameworks, risk management, incident response, vulnerability assessment, penetration testing, and secure network architecture.

IT Infrastructure: Extensive experience in server administration, network design, configuration, and troubleshooting. Proficient in managing server environments, virtualization technologies, network infrastructure, and storage systems.

Networking Protocols: In-depth understanding of networking protocols such as TCP/IP, DNS, DHCP, VPN, and firewalls. Ability to configure and secure network devices, implement access controls, and monitor network traffic.

Compliance and Regulations: Understanding of regulatory requirements in the healthcare industry, such as HIPAA and GDPR. Ability to implement security controls and ensure compliance with privacy regulations.

Risk Management: Experience in assessing and mitigating risks, developing security policies and procedures, and conducting security audits. Ability to identify vulnerabilities, prioritize risks, and implement appropriate controls.

Incident Response: Knowledge of incident response methodologies: detection, containment, eradication, and recovery. Experience in handling security incidents, conducting investigations, and developing response plans.

Healthcare Expertise: Experience in the healthcare and hospice industry, understanding of healthcare processes, patient data privacy, and compliance requirements specific to the healthcare sector.

Communication and Collaboration: Strong communication skills and ability to collaborate effectively with cross-functional teams, including technical and non-technical stakeholders. Present complex technical concepts to diverse audiences.

PROFESSIONAL EXPERIENCE

Network / Server Administrator, Babbitt Access Computers MSP (Southern California) 1997 - Present

Clients ranged from Healthcare to Automotive to Accounting to Waterparks.

- Network design and implementation during and after construction of new buildings
- Maintained on-site servers and associated hardware, applications, services, and settings
- Implement and manage disaster recovery and off-site back-up
- Complete hardening of networks, servers, and end-points for optimal security

Office Manager, A-One Hospice Providers | Heart of Gold Hospice | Advance Hospice Services 2017 – Present

- Ensure regulatory compliance with HIPAA, OSHA, Labor Laws, and other federal, state, and local regulations
- Maintains and develops Policies & Procedures, Risk Management security audits and controls
- Conducts Quality Assurance reviews of all disciplines for compliance with Center of Medicare's regulations

Assistant Office Manager, Bright Sky Hospice & Home Health (Redlands, Ca) 2015 – 2017

- Supervision of patient scheduling, medical records, billing and collection, data entry and processing
- Developed, implemented, and maintained office policies and procedures
- Maintained and managed all filing and organizational systems for the practice

EDUCATION AND CERTIFICATIONS

San Diego State University Global Campus
Certificate, Cyber Security Bootcamp

San Diego, Ca
Oct 2022–Aug 2023

Courses: Microsoft Security, Computer Networking, Cloud Security, Linux Security, Network Security, Cyber Infrastructure & Technology, Python, Ethical Hacking, Digital Forensics and Incident Response, Game Theory

International Information System Security / ISC2
Certificate, Certified in Cybersecurity (ISC)2 ID# 1483809

Alexandria, Va
Jan 2023-May 2023

Cisco Networking Academy
Certificate, Certified CyberOps Associate

Las Vegas, NV
Feb 2023–June 2023

PROFESSIONAL PROJECTS

CISCO: Introduction to Cybersecurity

July 2023

AWS: Certificate of Completion in Cloud Quest: Cloud Practitioner and Cloud Technical Essentials

June 2023

Splunk eLearning: Certificate of Completion: *Splunk Infrastructure Overview, Intro to Dashboards, User Behavior Analytics*

HOMELAB PROJECTS

Pi-Hole:

Implemented Pi-Hole, a network-wide ad blocker on my home network.

- Installation/configuration of Pi-Hole. Result: Centralized DNS server blocking unwanted ads, pop-ups, tracking domains.

Improved browsing speed for all devices connected to my network.

- Network optimization using Pi-Hole. Result: Faster loading times by blocking ad content and reducing page clutter.

Enhanced privacy for all devices by blocking tracking domains. Utilized: DNS filtering with Pi-Hole.

- Result: Protection against tracking and data collection, ensuring increased privacy.

Provided detailed statistics on blocked domains for monitoring purposes. Utilized Pi-Hole's reporting and analytics features.

- Result: Access to comprehensive insights on blocked domains and ad activity.

Customized Pi-Hole by whitelisting specific domains and integrating additional blocklists.

- Configuration and customization of Pi-Hole settings. Result: Flexibility to allow access to desired domains while still blocking unwanted ads.

Overall impact: Transformed home network by delivering an ad-free browsing experience. Improved loading times for websites and web applications. Increased privacy for all connected devices by blocking tracking domains.

pfSense:

Implemented pfSense, an open-source firewall and routing software, on my home network.

- Skills utilized: Installation and configuration of pfSense.
- Result: Robust security solution protecting against unauthorized access and threats.

Ensured reliable connectivity and optimal performance for my network.

- Network optimization using pfSense. Result: Stable and uninterrupted network connection with improved performance.

Provided secure remote access to my home network.

- Configuration of remote access features in pfSense. Securely access network resources from outside the local network.

Utilized monitoring and reporting tools in pfSense to gain valuable insights into network traffic and performance.

- Utilizing pfSense's monitoring and reporting features. Result: Detailed visibility into network activity and performance for effective network optimization.

Enhanced network management capabilities through pfSense's advanced routing functionalities.

- Configuration of routing settings in pfSense. Result: Improved network routing and management for efficient data flow.

Overall impact: Comprehensive security for my home network, protecting against unauthorized access and threats. Advanced routing functionalities for efficient network traffic management. Reliable connectivity and optimal performance for smooth network operations. Secure remote access to network resources from outside the local network. Valuable insights into network traffic and performance through monitoring and reporting tools.

PiVPN

Implemented PiVPN, a user-friendly open-source VPN solution, on my home network.

- Installation and configuration of PiVPN. Creation of a secure and private VPN leveraging Raspberry Pi's capabilities.

Securely accessed my home network remotely using PiVPN.

- Utilized PiVPN's remote access features ensured confidentiality of data even when connected to public Wi-Fi.

Provided strong encryption, authentication, and tunneling protocols for secure connections.

- Configuration of encryption and authentication settings in PiVPN. Established a protected connection between my devices and the home network.

Leveraged Raspberry Pi's capabilities for easy setup and configuration of PiVPN.

- Utilized PiVPN's user-friendly setup process. Result: Convenient and straightforward setup of a personal VPN for enhanced privacy and security.

Overall impact: Created a secure and private VPN using PiVPN and Raspberry Pi. Securely accessed the home network remotely, ensuring the confidentiality of data. Utilized strong encryption, authentication, and tunneling protocols for secure connections. Easy setup and configuration process for a user-friendly experience. Enhanced privacy/security for remote access