WAYNE HOWLETT

SUPPORT & CYBERSECURITY PROFESSIONAL

Technical Support | Networking | Security Monitoring | Cloud & Systems
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Preferred communication: Email, text, or chat

KEY HIGHLIGHTS

SECURITY ENVIRONMENT
Build and manage a cloud-connected cybersecurity environment using Linux, Docker, Wazuh, secure networking, centralized monitoring, and remote endpoints.

CYBERSECURITY ENGINEERING
Completed Flatiron School's Cybersecurity Engineering program with hands-on work in incident response, network analysis, vulnerability assessment, and security architecture.

TECHNOLOGY EXPERIENCE
Previous professional experience includes IT support, full-stack development, application development, requirements gathering, client-facing technical support, and Scrum-based delivery.

CROSS-DOMAIN TROUBLESHOOTING
Hands-on experience troubleshooting systems, software, networks, APIs, infrastructure, and operational equipment while documenting problems and working through resolution.

CORE TECHNOLOGIES

Systems: Windows • Linux • Microsoft 365 • Linux CLI • Virtualized Environments
IT Support: Technical Support • End-User Support • Hardware/Software Troubleshooting • Remote Troubleshooting
Networking: TCP/IP • DNS • DHCP • HTTP/HTTPS • Subnetting • Routing • VLANs • Firewalls • ACLs • Network Segmentation
Security: Wazuh • Splunk • SIEM • Wireshark • Nmap • Metasploit • Incident Response • Log Analysis • Network Traffic Analysis • Vulnerability Assessment • Endpoint Monitoring • System Hardening • Zero Trust • Threat Modeling
Cloud & Development: Cloud Security • API Security • Application Security • Next.js • React • React Native • JavaScript • TypeScript • Python • Docker • Git/GitHub

CORE COMPETENCIES

- IT Support & Technical Troubleshooting
- Security Operations & SIEM Monitoring
- Network & Systems Administration
- Incident Response & Threat Analysis
- Cloud, API & Application Security
- Root Cause Analysis & Technical Documentation

PROFESSIONAL SUMMARY

IT and cybersecurity professional with hands-on experience across technical support, software development, networking, cloud infrastructure, and security operations. Completed Flatiron School's Cybersecurity Engineering program and currently preparing for the CompTIA CySA+ exam. Practical experience includes Windows and Linux systems, Microsoft 365, SIEM monitoring, incident response, network analysis, vulnerability assessment, API/application security, and troubleshooting. Professional technology experience includes IT support, full-stack development, client support, requirements gathering, and Scrum-based projects.

TECHNICAL PROJECTS & EXPERIENCE

SECURITY MONITORING & CLOUD INFRASTRUCTURE

Independent Technical Environment

• Build and manage a cloud-connected security environment using Linux servers, Docker, Wazuh, NextDNS, secure networking, and distributed endpoints; configure monitoring, analyze alerts and logs, troubleshoot infrastructure, and apply segmentation, least privilege, secure remote access, and endpoint security controls.

IHOWLETT.COM — WEB, API & CLOUD

• Built and deployed a Next.js/TypeScript environment using APIs, Git/GitHub, cloud hosting, DNS, and connected services; troubleshoot application, API, hosting, deployment, DNS, and integration issues while applying secure web and API design principles.

SECURITY ANALYSIS & NETWORK ARCHITECTURE

• Conduct hands-on security investigations using Wireshark, Splunk, Linux, Nmap, Metasploit, log and network traffic analysis, while designing segmented architectures using VLANs, DMZ concepts, firewalls, ACLs, Zero Trust, trust boundaries, and attack-path analysis.

PROFESSIONAL TECHNOLOGY EXPERIENCE

IT & Full Stack Development

Battl Victory Records | May 2022 – November 2022

• Worked directly with company leadership to evaluate technical needs, research software and platform options, perform technical troubleshooting and problem resolution, and recommend practical technology solutions.
• Supported full-stack development and the transition to Next.js, improved application structure and maintainability, provided IT guidance, and translated business requirements into appropriate software and technology solutions.

Full Stack Developer / Scrum Master

Play It Forward Music Foundation | January 2023 – June 2023

• Designed and developed a nonprofit website while gathering requirements, translating organizational goals into functional features, explaining technical options, resolving questions, and validating solutions with clients.
• Served as Scrum Master by facilitating meetings, coordinating project work, removing blockers, tracking progress, improving cross-functional collaboration, and helping maintain delivery milestones.

Junior Software Developer / Scrum Master

SRJC Multicultural Museum | January 2022 – May 2022

• Collaborated on the design and development of a React Native web/mobile application, including interactive games, scavenger-hunt activities, and user-facing features.
• Shared programming responsibilities with the development team while supporting Scrum coordination, planning discussions, task organization, application troubleshooting, technical documentation, and project delivery.

Peer Assisted Learning Specialist

Santa Rosa Junior College | January 2023 – June 2023

• Provided technical coursework support by answering questions, troubleshooting problems, and explaining programming and technology concepts in clear language, strengthening end-user support, mentoring, and technical communication skills.

ADDITIONAL PROFESSIONAL EXPERIENCE

Professional Driver

Fresh Freight | August 2023 – Present

• Operate independently in a regulated, safety-critical environment while managing changing schedules, routing conditions, equipment issues, customer requirements, risk assessment, and compliance.
• Perform systematic inspections and troubleshooting, document findings and corrective actions, maintain electronic compliance records, and coordinate with dispatch, customers, warehouses, and maintenance teams to resolve time-sensitive issues.

EDUCATION

Certificate in Cybersecurity Engineering
Flatiron School
Completed 2026

Associate Degree — Full Stack
Santa Rosa Junior College
2023

Associate Degree — Web & Multimedia
Santa Rosa Junior College
2023

Arizona State University
Data Science Coursework
2022–2024

CERTIFICATIONS

CompTIA CySA+
In Progress — Exam Upcoming

SELECTED TECHNICAL PROJECTS

WAZUH SIEM & ENDPOINT MONITORING

Linux • Docker • Wazuh • Endpoint Monitoring • Log Analysis

Built and maintain a cloud-connected security monitoring environment using Linux servers, Docker, Wazuh, secure networking, and distributed endpoints. Configure centralized monitoring, review alerts and logs, troubleshoot infrastructure issues, and apply layered controls including segmentation, least privilege, secure remote access, and endpoint monitoring. This project demonstrates practical security operations, system administration, troubleshooting, and monitoring experience.

INCIDENT RESPONSE & SECURITY INVESTIGATION

Wireshark • Splunk • Linux • Network Traffic Analysis • IOC Analysis

Investigated simulated security incidents by correlating network traffic, logs, endpoint activity, and indicators of compromise. Practiced incident triage, containment, remediation planning, and technical documentation while using tools including Wireshark, Splunk, and Linux. Focused on understanding attacker behavior and tracing activity across multiple parts of an environment.

NETWORK SECURITY ARCHITECTURE

VLANs • Firewalls • ACLs • DMZ • Zero Trust • Threat Modeling

Designed and analyzed segmented network environments involving users, applications, servers, internal networks, DMZ concepts, firewalls, ACLs, and trust boundaries. Identified potential attack paths, network choke points, and security weaknesses while applying Zero Trust, least privilege, and risk-based architecture concepts.

WEB, API & CLOUD SECURITY

Next.js • TypeScript • APIs • Git/GitHub • DNS • Cloud Infrastructure

Built and deployed ihowlett.com and related technical environments using Next.js, TypeScript, APIs, Git/GitHub, DNS, cloud hosting, and connected services. Troubleshoot application behavior, APIs, deployments, DNS, hosting, and integrations while applying secure web and API design principles.

TECHNICAL APPROACH

Approach technical problems by understanding how systems, applications, networks, APIs, users, and security controls connect rather than treating each issue in isolation. Troubleshoot methodically from symptoms toward root cause, review logs and system behavior, research unfamiliar technologies when necessary, document findings, and evaluate both security and operational impact before implementing a solution.

CURRENT FOCUS

Security Operations
SIEM Monitoring • Log Analysis • Incident Response • Detection & Investigation

Infrastructure & Networking
Linux • Network Security • Segmentation • Secure Remote Access • Systems Administration

Cloud & Application Security
API Security • Application Security • Cloud Infrastructure • Secure Architecture

Professional Development
Security Analysis • Threat Detection • Continued Hands-On Labs

PORTFOLIO

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