Tyler Will

Security-Focused Engineer | SOC Support | Log & Threat Detection

✉ tylerwill.dev@gmail.com 📞 512-767-4456 📍 Austin, Texas 🔗 Portfolio in Tyler Will

🪪 Profile

Security-minded engineer with a background in internal tooling, CI/CD automation, and telemetry systems, now focused on log analysis, detection engineering, and infrastructure security. Experienced in building monitoring pipelines, automating health checks, and collaborating cross-functionally to harden cloud-based systems. Actively training in Threat Simulation, Alert Tuning, Threat Detection, DFIR, and Cloud Security while contributing to hands-on malware analysis and monitoring projects.

🧠 Skills

Security Operations & Threat Detection: Log Analysis, Azure Monitor & Defender, Alert Tuning, Detection Engineering, Telemetry Pipelines

Technical Tooling & Automation: YAML, Python, SQL, C#, Azure DevOps, CI/CD Pipelines, Grafana

Collaboration & Process Tools: Jira, Confluence, SharePoint, Cross-Team Support

Compliance Awareness: ISO 27001, SOC 2, GDPR/CCPA

Expanding Expertise In: IOC Extraction, GRC Concepts, Audit Readiness, SIEM

🎖 Professional Achievements

Azure Monitor Health Checks
- Created automated health checks that mimic endpoint detection behaviors, aligning logs to detection logic in Azure Monitor and Defender

Grafana-Based Notification System
- Built a real-time observability pipeline using Grafana, Azure Monitor, and C# to monitor health metrics to trigger alerting events in Kubernetes

📁 Projects

Malware Analysis Labs
Reverse engineered malware samples using Ghidra to understand packer behavior and extract IOCs. Created detection signatures and contributed to threat documentation for SOC team simulations.

🎓 Education

Bachelor of Science – Computer Science,
Colorado State University
02/2019 – 07/2021

💼 Professional Experience

Security Engineer, *Contract Projects*
01/2025 – present | Austin, Texas
- Supported SOC 2-aligned control documentation and collaborated on cross-team audit readiness efforts
- Created internal documentation dashboards to support evidence tracking and review status
- Helped design and document simulated phishing and malware scenarios to test detection coverage and support compliance reporting
- Defined baseline system behaviors to support SIEM tuning and alert logic verification, aligned to ISO 27001 controls

Full-Stack Software Developer, *General Motors - Motorsports*
09/2022 – 12/2024 | Austin, Texas
- Created CI/CD pipelines using YAML for automated builds and Azure deployments, integrating telemetry ingestion workflows
- Created tools for debugging and performance tuning backend services, including SQL optimization/integration validation
- Collaborated with cross-functional teams to develop internal platform features, including secure API endpoints and telemetry-integrated workflows

Software Engineer - Quality Assurance,
General Motors - Manufacturing
06/2021 – 09/2022 | Austin, Texas
- Automated data validation workflows across 80+ facilities using Python scripts
- Reported data defects, documented results, and worked to ensure validated business logic and data flow accuracy
- Automated rule-based QA scripts to validate system behavior and data flow compliance with operational standards

🗐 Certificates

Fortinet NSE 1
In progress (Target: May 2025)

CompTIA CySA+
In progress (Target: June 2025)