

Tyler Will

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

PROFESSIONAL ACHIEVEMENTS

IAM Signal Testing with Azure Monitor

- Developed automated identity health checks that simulated real-world access events, validating logging configurations within Azure Monitor & Defender, reducing false negatives by 30% during internal audit testing

Grafana-Based Notification System

- Built a real-time observability pipeline using Grafana, Azure Monitor, and C# to monitor health metrics, reducing bugs found in production by 63%

PROFESSIONAL EXPERIENCE

Security Engineer (Contract)

01/2025 – present

Independent Contractor

Austin, Texas

- Developed and enforced internal controls aligned to SOC 2 and NIST 800-53, enabling successful third-party audit readiness
- Built asset validation scripts for privileged access and cloud misconfigs, increasing visibility and reducing audit remediation time
- Created Slack-based automation for offboarding and escalation alerts, reducing missed deprovisioning steps across teams
- Delivered IAM hygiene and automation metrics to leadership, informing security roadmap and quarterly compliance reports

Full-Stack Software Developer & QA Engineer

06/2021 – 12/2024

General Motors - Motorsports

Austin, Texas

- Led development of secure telemetry apps with full-stack integration, collaborating across product and IT to support real-time motorsports data
- Automated cloud infrastructure monitoring and deployment workflows using Azure Pipelines and YAML, improving deployment reliability by 40%
- Built Python validation tools for 80+ global facilities, ensuring compliance with telemetry data rulesets and reducing QA escalations
- Directed end-to-end test automation for manufacturing systems, increasing test coverage and decreasing manual regression efforts by 60%

SKILLS

Security & Compliance

Access Control (RBAC), Security Policies & Procedures, Risk Management, Compliance Frameworks

Infrastructure & Detection

SIEM Tools, Endpoint Protection, Log Analysis, Cloud Security Monitoring, Identity & Access Management (IAM)

Automation & Engineering

Python, PowerShell, YAML, Infrastructure Scripting, Cloud Configuration & Observability, CI/CD Pipeline

Collaboration & Communication

Security Documentation, Cross-Functional Collaboration, Incident Communication, Jira, Confluence, Slack

CERTIFICATES

Fortinet NSE 1

In progress (Target: May 2025)

CompTIA CySA+

In progress (Target: June 2025)

CISSP

In progress (Target: July 2025)

EDUCATION

Bachelor of Science – Computer Science

02/2019 – 07/2021

Colorado State University