

Andy Ziber

IT & Security Leader · DevOps

Updated Aug 2026

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IT and security leader who scaled infrastructure, security, and compliance for a medical device company as it grew from 40 to 150 people. Led IT, DevOps, and security through that growth, with hands-on expertise in AWS, Terraform, endpoint security, and ISO 27001. CISSP-certified.

EXPERIENCE

CARLSMED

Carlsbad, CA

Manager of Information Technology

Dec 2025 - Present

- Lead IT, security, and DevOps for a 150-person medical device company, managing a team of 4 and owning cloud infrastructure, endpoint security, and compliance end to end.
- Led the transition of IT from an outsourced MSP to an in-house function supporting all 150 employees and contractors.
- Run the security program under HIPAA and ISO 27001, including the ISMS, internal and external audits, and risk assessments.
- Contributed to Carlsmed's initial ISO 27001 certification as a management representative, participating in ISMS review through to successful certification.
- Deployed and tuned CrowdStrike and Datadog SIEM, establishing endpoint threat detection and centralized security monitoring across the environment.
- Rebuilt incident response plans, dropping mean time to resolution from 24 hours to 4 hours.

DevOps Engineer

Jan 2024 - Dec 2025

- Owned AWS infrastructure across 10 environments.
- Moved provisioning to Terraform, replacing manual setup and cutting new-environment spin-up from 14 to 2 hours.
- Built CI/CD pipelines in TeamCity that reduced deploy time from 15 minutes to 4 minutes.
- Managed secrets and credentials with Vault across all production and non-production workloads.
- Standardized Git workflows for the engineering team.

IT Manager

Jan 2023 - Jan 2024

- Ran day-to-day IT operations as the company scaled past ~80 people.
- Handled hardware, software, and services procurement, supporting rapid headcount growth.
- Partnered with engineering and other teams to integrate and secure new systems.

IT Specialist

May 2022 – Jan 2023

- Set up and maintained workstations during the company's early growth from ~40 employees, including onboarding provisioning.
- Kept servers and networks running through peak periods.

CERNER CORPORATION

Kansas City, MO

System Engineer

Jan 2021 – May 2022

- Monitored 8+ production systems and provided on-call infrastructure support.
- Worked firewall PPSM (Ports, Protocols, and Services Management) tickets.
- Resolved and escalated incidents with knowledgeable, responsive support.

CERTIFICATIONS

CISSP

ISC2

2026

AWS Certified Cloud Practitioner

Amazon Web Services

2023

EDUCATION

M.S., Cyber Security Operations and Leadership

University of San Diego · San Diego, CA
Began Sep 2026

In progress

B.S., Information Technology

University of Missouri · Columbia, MO
Minor in Computer Science · Certificate in Cyber Security

2020

SKILLS

INFRASTRUCTURE & SECURITY

AWS • Terraform • Vault • JumpCloud • Microsoft Entra • CrowdStrike
• Datadog • Juniper Networks

LANGUAGES & TOOLS

Bash • PowerShell • Python • Git/GitHub • Linux/CentOS • Microsoft
365

FRAMEWORKS

HIPAA • ISO 27001 • CI/CD • Infrastructure as Code