

TYLER CARRAWAY

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SUMMARY

Technology executive and former founder with over 15 years of experience leading IT operations and building scalable infrastructure from the ground up for high-growth startups and enterprise environments. Expert in architecting secure, cloud-native environments (Azure, AWS, GCP) and implementing rigorous compliance frameworks (SOC 2, HIPAA, GDPR) that protect sensitive data without slowing down technical teams.

Proven ability to operate as both a strategic leader and a hands-on engineer, successfully untangling legacy debt, optimizing identity management, and deploying robust security protocols to support rapidly scaling organizations.

PROFESSIONAL EXPERIENCE

Director of Technology and Digital Platforms – SkillsUSA (March 2025 – Present, Virginia [remote])

- Lead organization-wide digital transformation for one of the nation's largest student career organizations, overseeing technology strategy, platform development, IT operations, and cybersecurity.
- Architect and manage national-scale digital platforms for registration, membership, and program management used by students, educators, and partners across the U.S. (450k+ members)
- Spearhead integration and optimization of enterprise SaaS tools to improve collaboration, engagement, and scalable delivery of programs and services.
- Oversee IT infrastructure and security posture, ensuring reliable, secure, and compliant operations across all systems and departments.
- Modernized legacy systems (including Microsoft 365 and Google Workspace) by developing structured migration plans that minimized downtime, implementing strict role-based access control (RBAC), and resolving underlying permission vulnerabilities.
- Act as a strategic liaison between technology and the broader organization, delivering scalable solutions that support growth, impact, and long-term sustainability.

Director of IT – Acquisition.com (August 2024 – March 2025, Las Vegas, NV [remote])

- Oversaw all IT operations, including infrastructure, software ecosystems, and network security, managing a seven-figure annual budget and leading a team of 5+ IT professionals.
- Spearheaded a company-wide HubSpot revitalization initiative, collaborating with sales, marketing, and finance to transform it into a scalable growth platform that boosted lead flow by 35% and increased revenue generation by 25%.
- Drove the adoption of AI-based analytics and advanced storage solutions, reducing data processing time by 25% and strengthening real-time threat detection capabilities.
- Establish a cross-functional steering committee with C-Suite leadership to align IT investments with strategic objectives, reducing operational costs by 15%.
- Manage asset lifecycles and modernize systems to ensure high availability, seamless integrations, and improved collaboration across the organization.

Executive Vice President of IT – Inpleo, Inc. (December 2021 – July 2024, Pittsburgh, PA)

- Developed a comprehensive IT roadmap that improved operational efficiency by 25% and curtailed infrastructure costs through automated workflows and cloud-based solutions.
- Oversaw the launch of three major software products, increasing revenue by 20% and elevating customer satisfaction to 95%.
- Collaborated with AI/ML teams to introduce predictive analytics, strengthening competitive advantage and data-driven decision making.
- Managed the budgeting and execution of a \$10M AI server buildout and deployment.
- Led the overhaul and security of Microsoft Azure infrastructure, establishing strict VPN access, firewall configurations, and role-based policies to protect data-heavy AI pipelines from corruption or unauthorized access, reducing unplanned downtime by 80%.
- Employed agile methodologies and continuous integration pipelines, accelerating project delivery times by 30%.

CEO & Board Member – VetRecor, Inc. (July 2022 – July 2024, Pittsburgh, PA [exit])

- Guided the creation of an AI-driven veterinary records platform, automating documentation and reducing clinical data entry time by 40%.
- Formed strategic alliances with veterinary institutions, expanding market visibility and driving a 25% increase in new clients.
- Secured critical funding and positioned the company for long-term growth by hitting key operational and financial milestones.
- Leveraged agile project management to deliver rapid product iterations, boosting team efficiency by 35%.
- Focused on compliance with data regulations and standards to safeguard patient information and maintain industry trust.

IT Manager – Gecko Robotics, Inc. (September 2019 – December 2021, Pittsburgh, PA)

- Created the organization's inaugural IT budget (exceeding \$1M) post-Series B, aligning infrastructure projects and headcount with strategic growth targets.
- Transitioned legacy on-prem systems to a Cisco Hyperconverged Infrastructure, reducing outages by 70% and enhancing scalability.
- Deployed enterprise-wide teleconferencing and next-gen antivirus solutions, improving collaboration by 40% and fortifying cybersecurity.
- Partnered with finance to streamline IT expenditures, cutting overhead by 15% without compromising performance or security.
- Established a centralized IT help desk with defined SLAs, significantly improving issue resolution and user satisfaction.

Director of IT – One Health Solutions (January 2016 – September 2019, Pittsburgh, PA)

- Directed the design, implementation, and support of corporate applications, ensuring HIPAA compliance and consistent system performance in clinical and administrative settings.
- Led cross-departmental teams in planning, development, and deployment of new solutions, increasing operational efficiency by 20% and boosting end-user adoption. • Developed secure, scalable infrastructures in multiple call centers and administrative offices, collaborating with leadership to accommodate rapid organizational growth.
- Built and enforced proactive security and compliance policies (SOC 2, HIPAA) directly into the technology stack, ensuring highly available, "Fort Knox" production environments while supporting fast-paced, remote technical teams.
- Oversaw system training and customer support, achieving a 90%+ satisfaction score by proactively identifying and addressing user needs.

KEY SKILLS

Infrastructure & Cloud

Windows Server, Linux, MacOS, Hyper-V, VMware, Cisco HyperFlex, HPE GreenLake, AWS, Azure, Google Cloud, Vercel, Netlify, Docker, Kubernetes, Terraform, Veeam, Dell EMC, Cisco Meraki, Cloudflare, Google Vertex AI

Security & Identity

Firewalls, VPN, MDM, EDR/XDR (SentinelOne, CrowdStrike, Huntress MDR), SSO, DLP, KMS, BCDR, Zero Trust/ZTNA, SIEM (Splunk/Elastic), SOAR, NIST CSF/ISO 27001/SOC 2/HIPAA/CCPA/GDPR

Tools & Skills

HTML, CSS, JavaScript, React, Node.js, MongoDB, SQL, Google Workspace, Office 365, Jira, Asana, Zoom, Google Meet, Slack, Teams, MDM, Miro, 1Password, Meraki, Claude, OpenAI, MCP, API

Leadership & Management

Strategic Planning, Agile & Scrum, AI/ML Integration, Vendor Negotiations, Budgeting & Roadmap, Team Leadership & Mentoring, People Leadership, Project Management, Change Management, Disaster Recovery, OKRs/KPIs, Cyber Security