

Tom Peterson

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PROFESSIONAL SUMMARY

Solutions Architect with 13+ years of progressive experience spanning enterprise networking, cloud infrastructure, DevSecOps, and platform engineering. Proven track record of designing secure, scalable Azure-native architectures for Fortune 100 enterprises and high-growth products—including a Direct-to-Consumer AI platform that became an organization's fastest-growing product in eight years. Deep expertise in partnering with software development teams to build the infrastructure, CI/CD pipelines, and security tooling that enable rapid, secure software delivery. Equally effective leading technical teams, growing revenue 184%, and advising C-suite stakeholders on technology strategy. Known for eliminating complexity, accelerating delivery velocity, and embedding security into every layer of the stack.

CORE COMPETENCIES

Azure Cloud Architecture & Strategy | Stakeholder Advisory & Presales | AWS (Working Knowledge) | Technical Team Leadership | Infrastructure as Code Platform Design | DevSecOps & CI/CD Pipeline Architecture | Container Orchestration & Security | AI/ML Platform Architecture | Identity & Access Management | Microservices & API Design | Observability & Monitoring Strategy

PROFESSIONAL EXPERIENCE

Platform Solution Architect

09/2024 – Present

FordDirect, Dearborn, MI

- Serve as Lead Architect for a Direct-to-Consumer AI platform—the organization's fastest-growing product in eight years—designing a scalable, secure Azure-native architecture with robust IAM, auto-scaling, and observability across a distributed microservices ecosystem.
- Designed a self-service Infrastructure-as-Code ecosystem that eliminated manual provisioning bottlenecks, achieving a 38% improvement in security posture and 20% increase in operational velocity for the organization's largest revenue-generating products.
- Architected a container security program that eliminated ~23,000 vulnerabilities through automated guardrails validating container integrity at build and deploy phases, preventing the introduction of new vulnerabilities organization wide.
- Lead Architect for FordDirect's inaugural native mobile application; synchronized cross-functional teams, defined the multi-tier environment strategy (Dev/QA/Pilot/Production), and established the enterprise standard for mobile lifecycle management.
- Engineered an AI-augmented SDLC integrating LLM-based code review agents and an automated remediation engine that resolves SonarQube and JFrog findings, accelerating delivery while strengthening global security posture.

Senior Technical Consultant

01/2024 – 06/2024

AHEAD, Chicago, IL (Remote)

- Partnered with account executives across the East business unit to identify and develop opportunities, engaging directly with clients and their technical leadership to align solutions with business objectives. Authored statements of work defining level of effort, required roles, and skillsets to ensure accurate project scoping. Served as the bridge between presales and delivery, leading project kickoffs and providing a single point of contact for clients through the transition to execution.
- Designed and delivered infrastructure modernization solutions that reduced operational overhead and accelerated time-to-market for clients managing large, complex hybrid environments.
- Architected container and application hosting strategies that enabled development teams to ship software faster with built-in security and compliance, reducing deployment friction across the software delivery lifecycle.
- Conducted executive workshops and custom demonstrations for clients, translating complex technical capabilities into clear business outcomes aligned with their strategic priorities.
- Managed 3–5 concurrent client engagements, maintaining detailed communication, task tracking, and resource coordination to ensure on-time, on-budget delivery.

Coretek, Farmington Hills, MI

06/2020 – 01/2024

Solutions Architect (03/2023 – 01/2024) | *Cloud Team Delivery Manager* (07/2021 – 03/2023) | *Cloud Architect* (06/2020 – 07/2021)

- Recognized as 2021 Consulting Teammate of the Year—nominated by peers and selected as a winner by leadership for consistent excellence in delivery and collaboration.
- Progressed from Cloud Architect to Solutions Architect; served as the top technical escalation point across all delivery teams and a trusted advisor to the CEO, CTO, and VP of Operations on technology strategy.

- Led and grew a team of 11 cloud architects/engineers, implementing a training program that drove 184% revenue growth and 25% margin improvement. Named 2021 Consulting Teammate of the Year.
- Architected solutions for clients across diverse industries and at varying stages of their cloud adoption journey, providing Azure maturity roadmaps aligned with business objectives to guide strategic investment and prioritization.
- Partnered with account executives, practice managers, and delivery teams to standardize solution offerings, reducing time-to-deliver on complex projects through structured statements of work, level-of-effort estimates, and repeatable delivery documentation.

EARLIER CAREER

Sr. DevOps Engineer | Autobooks, Detroit, MI

08/2019 – 06/2020

Reported to the CIO; designed scalable infrastructure, managed Palo Alto firewalls, built performance testing frameworks, and cut release times 50%+ through CI/CD pipeline optimization.

Sr. System Administrator | SovLabs, Atlanta, GA

02/2019 – 08/2019

Deployed multi-cloud solutions (Azure, AWS, GCP) and migrated infrastructure to Terraform/Ansible IaC.

Advanced Solutions Analyst | Sentinel Technologies, Ann Arbor, MI

04/2015 – 02/2019

Designed enterprise networking, SD-WAN, and security solutions across multiple continents for large enterprises.

Network Engineer | North American Bancard / BPI Information Systems

2011 – 2015

Built enterprise network architectures, managed Cisco/F5 infrastructure, and supported critical financial and public-sector services.

TECHNICAL PROFICIENCIES

Software Development: Node.js, Next.js, React, React Native

Public Cloud: Microsoft Azure, Amazon Web Services

CI/CD Platforms: Azure DevOps, GitLab, GitHub, Jenkins, BitBucket Cloud

Application Code Analysis: SonarQube, BlackDuck, JFrog Artifactory & Xray, Snyk

Observability: Sentry, Azure Monitor, Prometheus, Grafana, Loki, OpenTelemetry, Application Insights, Dynatrace

AI Paired Programming: Claude Code, Antigravity, VS Code Copilot, Cursor

AI Platform: Azure AI Foundry

Infrastructure as Code: Terraform, Ansible, Terraform Cloud, Spacelift, Env0, Azure DevOps, GitLab, Kubernetes, Bicep, ARM

Containerization: Docker, Kubernetes, Azure Kubernetes Service, Istio, Traefik, Linkerd, ArgoCD, Terraform Cloud

Cloud Security: Prisma Cloud, Defender for Cloud (Microsoft), Wiz

Global Scaling: Azure Front Door, Cloudflare

Frameworks: Azure Well-Architected Framework, Azure Cloud Adoption Framework

Networking: Azure Networking, ExpressRoute, Palo Alto (Azure & On-Prem), Fortinet (Azure & On-Prem), Cisco Firewalls & Cloud Services Routers, Twingate, Tailscale