

PETER FRAEDRICH

Engineering Executive | CTO | VP Engineering

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EXECUTIVE SUMMARY

Engineering leader with a single voluntary resignation across every team led in a decade — and a track record of building the capabilities those teams were created to deliver. Has stood up six engineering functions from zero (SRE, Developer Experience, AppSec, FinOps, enterprise AI governance, and the first engineering career ladder at a global SaaS platform), engineered \$3M+ in annual savings at a single company on top of seven-figure reductions elsewhere, and lifted operational metrics in double-digit increments across reliability, velocity, and cost. AI-native since 2022 — early builder of AI-for-engineering, enterprise AI governor today, and still shipping agentic tooling by hand. Sets multi-year strategy, owns multi-million-dollar budgets, partners with the C-suite, and operates fluently from executive forums down to the code.

IMPACT HIGHLIGHTS

- **6+ engineering functions built from zero** — SRE, Developer Experience, AppSec, FinOps, enterprise AI governance, and the company's first engineering career ladder.
- **AI-native since 2022** — early builder of AI-for-engineering, enterprise AI governor, and still shipping agentic tooling by hand in 2026.
- **\$3M+/year in savings engineered at a single company** — ~\$2M from a 5,500-database SQL modernization plus \$1.2M in multi-cloud reduction — on top of seven-figure cloud and licensing savings at prior roles.
- **Retention almost no one matches** — a single voluntary resignation across every team in a decade of leadership.
- **Double-digit operational gains, repeatedly** — +3.1% global uptime, +27% and +20% team and developer velocity, 30% faster builds.

EXPERIENCE

Staff Site Reliability Engineer

May 2026 – Present

Thrive Market *High-growth e-commerce platform.*

- **A deliberate hands-on move** to operate at the code and systems level, embedding across engineering teams to raise reliability, observability, and customer experience through SRE practice and agentic AI tooling.
- **Built an agentic AI alert-triage and diagnosis workflow**, developing the subagent orchestration that automates first-pass investigation of production alerts — reducing manual triage load and speeding diagnosis across teams.
- **Developed AI-driven RCA pattern-analysis tooling** that mines unstructured incident and post-mortem text to surface recurring failure modes and systemic pain points, turning scattered narrative data into prioritizable engineering investment.
- **Cut AWS spend by \$100K+ annually** through cloud cost-optimization work, with further savings in progress.

Independent Consultant

January 2026 – May 2026

Vulnerability Management & AI Security Automation

- **Engaged by security and engineering teams to modernize vulnerability triage and remediation** with agentic AI — designing the workflow and platform integrations end-to-end.
- **Integrated Copilot and Claude with Rapid7, Sentinel One, and other platforms** to monitor protected assets, alert on new security bulletins, identify affected resources, and auto-open remediation tickets — cutting mean-time-to-ticket from hours to minutes.

Vice President of Engineering

June 2024 – January 2026

Cendyn *Global SaaS platform for the hospitality industry — ~\$150M revenue, hundreds of enterprise customers, 100K+ transactions/day.*

- **Led and scaled Cendyn's global platform engineering organization** (Platform, SRE, DevOps) across multiple continents — growing it 50% (20→30) through 4 direct reports (3 managers, 1 tech lead) and owning the \$14.1M engineering operating budget as senior engineering leader to the CTO.
- **Led the largest engineering project in Cendyn's history — a 5,500-database SQL Server modernization** — migrating ~3,000 databases to current versions on right-sized licenses and modern virtualized hardware and decommissioning ~2,500, saving ~\$2M annually and reducing the data footprint 54%.
- **Set and drove the enterprise AI strategy** as a founding member of the executive AI Council — leading evaluation, governance, and rollout of Copilot, Amazon Q, and ChatGPT across engineering, customer success, and sales, and co-authoring the framework Cendyn uses to pilot, measure, and scale AI investment. Drove a 20% lift in developer velocity and contributed to a 1.3-point NPS gain.

- **Delivered \$1.2M (17%) in annual multi-cloud savings in 12 months** without sacrificing stability, standing up the company's first FinOps function in partnership with Finance.
- **Authored the 5-year technology strategy** — consolidating 7 cloud providers to 2 (AWS, Azure), targeting 100% Infrastructure-as-Code and a Kubernetes-first compute platform, and productizing a developer-enablement platform aimed at cutting build-and-deploy times 30% — projecting further multi-million-dollar savings.
- **Lifted global product uptime 3.1%** — directly reducing lost transactional revenue and improving customer CSAT — by setting a cross-org technical excellence agenda and rebuilding enterprise change management to eliminate single-person dependencies and raise deployment tempo while strengthening compliance guardrails.
- **Stood up Cendyn's first AppSec function** — identifying the gap, taking the business case to the C-suite with the VP of IT, and building the team, tooling, and operating model from zero.
- **Led post-merger platform and IT integration for the Knowland acquisition** (~50-person company) — absorbing its systems and ~\$300K in annual AWS spend into Cendyn's environment within 4 months, consolidating tooling and onboarding the team.
- **Hired 6 engineers, promoted an engineer into NOC Lead, and launched Cendyn's first engineering career ladder** with HR — creating transparent growth paths aligned with industry norms.

Career Sabbatical & Independent Advisory July 2023 – June 2024 — Technical advisory and consulting engagements alongside personal R&D and focused professional development during a planned career transition.

Director of Site Reliability Engineering

October 2022 – July 2023

Ally Financial

- **Set and executed a 12-month SRE strategy** for the broader engineering organization, establishing SRE principles, production readiness standards, and service ownership in a regulated financial-services environment governed by SOX and FINRA controls.
- **Lifted team velocity 27%** and measurably improved execution on strategic goals by restructuring SRE around agile delivery practices — changing how the organization planned, prioritized, and shipped.
- **Drove 2% month-over-month reduction in incident duration** through systematic investment in observability, production readiness reviews, and post-incident learning; sponsored an AI-driven RCA/post-mortem engine that uncovered long-term failure patterns and organizational investment priorities.
- **Established product- and team-level SLOs and KPIs**, creating the executive-visible operational accountability previously missing from SRE reporting, and optimized observability platform spend through consolidation and usage governance.
- **Coached an engineering manager direct report into a Product Management transition**, investing in the career path that was right for her even at the cost of backfilling a key leadership seat on the team.

Director of Platform Engineering

November 2021 – June 2022

ID.me

- **Owned platform engineering strategy and delivery** for developer productivity and security tooling at a high-compliance identity platform — redesigning the CI/CD backbone and establishing the security-integrated developer experience.
- **Stood up two new functions from zero — Developer Experience and Site Reliability Engineering** — hiring 3 engineers into each team and establishing the operating model for ongoing platform investment.
- **Reduced software build times 30%** and eliminated manual intervention by sponsoring a full CI/CD redesign — centered on containerization, pipeline reusability, and automated deploy/rollback, architected to operate within FedRAMP guidelines.
- **Cut application vulnerabilities 10%** by partnering with AppSec, Risk, and Compliance to embed security gates directly into the CI/CD process.
- **Reduced third-party tooling licensing costs 23%** through consolidated vendor management, automated entitlement provisioning, and enterprise SSO integration.

Director, Platform Engineering

March 2020 – November 2021

Binary Fountain

- **Led all engineering disciplines** — IT, Security, DevOps, and Cloud — as the senior technology leader at a SaaS company serving healthcare clients.
- **Architected a Redshift-based data lake for customer analytics**, giving the business new visibility that supported higher CSAT and surfaced new revenue opportunities.
- **Cut annual AWS costs 30% (\$100K)** without degrading service levels, through a disciplined mix of savings plans, reservations, rightsizing, and selective ARM migration.
- **Partnered with Compliance to achieve SOC2 Type II certification**, implementing controls, providing auditor evidence, and running readiness self-assessments.
- **Modernized IT and infrastructure**, migrating on-premise systems to AWS and SaaS, consolidating tooling, and renegotiating vendor agreements for durable annual savings.

- **Mentored an IT engineer into a cloud-engineering career transition**, assembling a self-study curriculum, designing in-role learning, and partnering on career planning; the engineer landed a Cloud Engineer role shortly after.

Chief Technology Officer

March 2018 – March 2020

YetiCloud Founding role — part-time, concurrent with the Capital One position (Mar 2018 – Dec 2019).

- **Founding CTO owning product, engineering, and technology strategy end-to-end** at an early-stage cloud infrastructure startup — carrying full product delivery accountability from roadmap through architecture to release.
- **Set product direction and designed the systems architecture** for the flagship high-concurrency, near-real-time platform; built the engineering organization from zero, authoring the multi-quarter talent strategy and hiring the founding team.
- **Partnered with the CEO on investor relations**, meeting regularly with private and institutional investors to shape the company's funding narrative.
- **Carried significant non-engineering responsibilities as a core founder** — owning financial modeling, running HR and recruiting (authoring the employee handbook and training modules), and contributing across accounting, sales, and go-to-market operations.

Principal Software Engineer

September 2017 – December 2019

Capital One

- **Technical lead on Capital One's Enterprise Kubernetes distribution**, the custom internal distribution designed for the bank's regulated operating environment, serving engineering teams at scale.
- **Owned Capital One's internal Nomad container orchestration platform** spanning 300+ cluster members, seven customer teams, and four AWS accounts, acting as the platform's primary architect and operator.
- **Built and managed infrastructure-as-code** for the EASE platform serving 9M+ unique customers daily; served as containerization SME and mentor across Capital One Tech College and peer engineering teams.

Senior Software Engineer

October 2015 – September 2017

Comcast

- **Founding engineer on XFINITY Mobile**, Comcast's entry into wireless — building the developer tooling, production infrastructure, and observability behind a new consumer revenue line created to deepen customer retention.
- **Led adoption of modernized CI/CD and PaaS/IaaS platforms** (OpenStack, Cloud Foundry, VMware) across the product; maintained segregated PCI / non-PCI AWS environments under SOX and FINRA controls.

IT & Systems Engineering Roles

July 2013 – October 2015

Cvent • **Network Management** • **ASTI** • **Comfort Management**

- Progressive technical roles spanning video-telecommunications engineering, solutions consulting, and cross-platform IT engineering; performed internal PCI evaluations and self-attestations.

EDUCATION & CERTIFICATIONS

Education: BS, Business Administration — Liberty University, 2011

Certifications: AI for Organizational Leaders (Microsoft, 2026) • DevOps Professional (PagerDuty, 2024) •

ServiceNow IT Leadership Professional (2024) • Agile Project Management Professional (Atlassian, 2024) • AWS Certified Cloud Practitioner

SKILLS

Leadership & Strategy: Engineering Organizational Leadership • Managing Managers & Directors • Multi-Year Technical Strategy • Executive Partnership (CEO / COO / CPO / CFO) • Global & Distributed Team Leadership • People Development & Career Coaching • Hiring & Career Ladder Design • Budgeting & Financial Modeling • FinOps • Vendor & License Management • Build vs. Buy vs. Partner Evaluation • M&A Integration • Change Management • AI Enablement & Governance • Incident Command & Executive Communications

Technical Leadership: Software Architecture • Infrastructure Architecture • Platform Engineering • Site Reliability Engineering • API Design & Backend Systems • Security & Compliance (SOC2, PCI, SOX, FINRA, FedRAMP) • Observability Strategy • Agile / Kanban SDLC

Technology: Cloud (AWS, Azure, GCP) • Kubernetes, Containerization, Serverless • Infrastructure as Code (Terraform, Ansible) • CI/CD (GitHub Actions, Jenkins) • Observability (Datadog, New Relic, Grafana, Prometheus) • Databases (Postgres, MySQL, Redis, Redshift) • Python, Go, JavaScript • Generative & Agentic AI, Code Generation & Review AI

WRITING & OPEN SOURCE

Selected Writing — 270K+ combined reads across engineering and developer-leadership topics

- “5 Rules of Code” and “10 Things Every Developer Should Know” — **Better Programming**, 2019 (39K reads each)
- “Hypocritical Gophers” — **The Startup**, 2020 (20K)
- “7 Database Concepts You Should Know” — **Better Programming**, 2021 (17K)
- “A People-Driven Approach to Standups” — 2024 (11.9K)
- “Secure Docker Containers Require Secure Applications” — **Capital One Tech Blog**, 2019

Open Source (Go)

- **consulmq** — message-queue library backed by Consul’s KV store
- **pidzero** — lightweight process supervisor for safely running multiple processes in Docker / LXC containers
- **arrow-waf** — Coraza-based web application firewall with native Prometheus metrics