



Technology Director

ENVISIONING BUSINESS-ALIGNED and TRANSFORMATIONAL HIGH-TECH SOLUTIONS

DRIVING STRATEGY TO FRUITION, DISMANTLING SILOS, MITIGATING RISKS, AND POSITIONING COMPANIES TO THRIVE IN A HIGHLY COMPETITIVE MARKET

Technology visionary offering steady advancement with some of the world’s leading financial firms. Broad, in-depth, and consistent success enabling next-level business performance through the design and integration of user-friendly systems, leading-edge infrastructures, and value-add IT operations with extensive experience in the building of low-latency network environments.

Regarded as an innovative and tactical strategist with a comprehensive and engaging view of business processes, client requirements, and organizational dynamics— key in harnessing emerging technologies to pressing business objectives in complex ecosystem and matrixed organizations.

REFINING BREADTH & DEPTH OF EXPERTISE

- VORACIOUS READER AND LIFELONG LEARNER
- NURTURE CYBERSECURITY EDUCATION
- CULTIVATE HEDGE FUND KNOWLEDGE DEPTH
- ADVOCATE OF NEXT-GEN TECHNOLOGY
- TWO-DECADES IN FINANCIAL SERVICES INDUSTRY
- BILINGUAL: ENGLISH AND SPANISH

BUSINESS STRATEGY & EXECUTION

Cloud Technology Direction
Transition Leadership
Risk Mitigation
Financial Analysis
Corporate Governance

TECHNOLOGY CONVERSIONS

Enterprise Architecture
Budget Planning & Management
Systems/Network Architecture
ITIL Methodology
Global Project Management

PEOPLE MANAGEMENT

Team Recruiting & Building
Manpower Planning & Allocation
Vendor Relations & Management
Program Development & Launch
Mentorship, Training & Development

HIGHLIGHTS OF BUSINESS VALUE AND IMPACT

- ▶ **Served as an executive business partner and user champion.** Explained emerging technologies that eliminated system downtime, enabled scalability, improved productivity, cut costs, tightened security, and provided disaster recovery / business continuity solutions.
- ▶ **Business results through technology transformation:** Planned and applied technology structure, guiding businesses to the next level. Evaluated business needs and led teams in the design of solutions that resulted in enhanced speed and efficacy of service delivery.
 - Evident by a performance increase of 22% in our internal cloud; boost of 10% in SQL databases performance, and 15% decrease in latency.
- ▶ **Lasting change by creating teams that thought like leaders:** Led global, multi-functional teams of 200+ in infrastructure architecture and engineering, process optimization, compliance, and technology transformation operations using innovation, collaboration, and a focus on business mission.
 - Teams set benchmarks for project delivery excellence by meeting quality, time, and financial targets. Earned team loyalty, reflected in a 12% reduction in staff turnover—despite operating leaner after a \$2M budget reduction.
- ▶ **Developed a security program, heightening security to a proactive risk-mitigation approach.** Created flexible, secure, and compliant IT organizations, leveraging industry best practices and frameworks.

PROFESSIONAL EXPERIENCE & ACHIEVEMENTS

XXXXXXXXX CORPORATION—New York, New York

02/2015 to Present

DIRECTOR—GLOBAL INFRASTRUCTURE & OPERATIONS (01/2016 to Present)

Promoted within a year and became a critical technology and business partner, weighing in on executive decision-making, tying technology (architectural redesign and IT governance) to provide company with the agility to exploit new go-to-market direction. Strategized from a bird’s-eye-view, anchoring technology to targets (revenue, operational, finance, and corporate strategy) in support of CEO’s vision. Strengthened company’s stance by connecting technology, people, and processes through the innovation of a knowledge management program. Met all time-sensitive project timelines without business disruption.

- **Established proper governance and a new management operating system**, developing action plans for systems, infrastructures, and information security within a 1200-user environment.
- **Managed remote staff of 15, with a follow-the-sun workflow.** Initiated and led technical projects valued at \$12M, improving performance and business functionality for various level users across multiple locations.
- **Continuously sought creative ways to mitigate risk and expand scale.** Jumpstarted the implementation of ISO 27001 as well as ISO 27005 and launched an aggressive campaign to replace legacy perimeter firewalls with next generation firewalls.
- **Enabled the company’s secure and fast organic growth by bringing infrastructure up to par—realizing efficiency, simplicity, automation, and return on investment.**
 - Designed and led an innovative WAN re-architecture; introduced solid security practices and strict governance.
 - Expanded service capabilities by scaling the company’s enterprise platform with a comprehensive technology stack: Global MPLS network, tier 1 internet service provider overlaying each with DMVPN clouds (MPLS/INET).
 - **Technologies:** Cisco unified computing system (UCS), routers, switches, firewalls as well as VMware.
- **Evolved cybersecurity program, enabling proactive response to rise in security threats presented by a shifting global business landscape.**
 - **Technologies:** Utilized next-gen technology (firewall, end-point security, network and host-based antivirus/anti-spyware); solutions in security stack: Palo Alto firewalls, Carbon Black, and Alert Logic.
- **Played a key role in ensuring ongoing corporate maturation, risk mitigation, and the leveling up of operational efficiency to remain relevant and competitive.** Identified need and developed a comprehensive governance program to strengthen SOC compliance.
 - Cultivated in-depth change management and technology review. Determined need for a tiered incident/ problem management program, resulting in reduced production outages and framework for risk management.
 - **Technologies:** Utilized ITIL v3 framework and COBIT.

LEADERSHIP PHILOSOPHY

I BUILT TEAMS THAT TRUST
EACH OTHER AS THE BEST
RESOURCE AND BECOME
AMBASSADORS OF BUSINESS-
DRIVEN IT ROADMAPS.

SENIOR NETWORK ENGINEER (02/2015 – 07/2015) | **SR. MANAGER—Global Network Engineering** (07/2015 – 01/2016)

Earned three promotions to director after excelling at managing and developing a cross-functional team, converting them into high-performers, realizing historic employee retention rate. Quickly resolve problems, clarifying resolution process to users in simple, accessible language. Mastered patient listening and communication skills, establishing productive rapport with users frustrated by technical challenges.

- Created empowering self-sustaining teams who achieved objectives. Mentored members, building flexible communications and implementation capabilities that strengthened professional value to clients in all industries, functions, and professional levels.

PRINCIPAL FXXXXXCONSULTING SERVICES—Poughquag, NY 10/2013 – 02/2015

Leveraged broad technical and business perspective; seeing above, over, and through technology silos to identify, communicate, and resolve functional barriers for a variety of work ecosystems. Earned client recognition for patience, responsiveness, and execution excellence across upgrades, recoveries, IT security, and infrastructure technologies.

- **Network Architect for Interactive Brokers.** Evaluated best of breed firewalls for implementation of a two-tier firewall deployment in a new Switzerland co-location site and redesigned the multicast environment in Nasdaq Carteret colocation site which enabled resiliency in exchange data delivery.
 - **Additional and partial list of transformational projects:** Designed new data center solution for 10GB access; Recommended Cisco Nexus 9336PQ as well as the Nexus 9396PX and 93128TX switches in a Spine/Leaf. Designed and implemented customer solution within the Amazon Web Services infrastructure.
- **Infrastructure Architecture Manager for Atlas Air, Inc.** Completed enterprise assessment, designed and led the implementation of site core device upgrade from Cisco Catalyst 6500’s to Nexus 7009 platform.
 - **Additional and partial list of transformational projects:** Provided network infrastructure technical expertise to IT Security team in the design and implementation of key projects.

XXXXXXXXXXXX PARTNERS—New York, NY

06/2009 to 10/2013

VICE PRESIDENT OF TECHNOLOGY

Performed as primary engine for technology and business success, strategically led the identification and implementation of cutting-edge infrastructure systems; global project rollouts; and escorted successful company growth and expansion.

- Calmed culture of technology and operational chaos to support current business needs, creating a stable and scalable operational platform and standard processes, procedures, and documentation structure.
- Reversed latency and inadequacies, introducing optimal efficiency in the monitoring of market data and day-to-day trading.
- Launched a global load-balancing architecture/platform, supporting global geolocation services and enhancing service delivery.
- Rationalized staff roles to eliminate redundancies. Positioned and mentored individual contributors to maximize their value in evaluating best of breed switch/routing technologies for High Frequency Low Latency Trading and other environments.

PRIOR CAREER OFFERING STRONG TECHNICAL FOUNDATION**Network Engineer, S.XXXXXXX Advisors, LLC Stamford, CT (3/2007 – 3/2009)**

Designed, implemented and managed an infrastructure consisting of 300+ devices ranging from Cisco 2800 series routers to 7613 series also Catalyst 3750 switches to Catalyst 6513.

- Increased scope of responsibilities, including maintaining the company's extranet, taking charge of business continuity projects, and expanding our datacenters.
- Led a major project to expanded one of the data centers in campus LAN by adding 22 cabinets and bringing online a 6509-series switch with Sup-720 3C's and 6748-line cards to accommodate growth.

Consultant Systems/Network Engineer, ActXXXXXXX. (American Stock Exchange) New York, NY (2006 – 2007)

Credited with enabling maximum performance and end-user satisfaction within an 800-employee organization by optimizing system interoperability and network communications. Met all SLA requirements by closely monitoring in-house systems, vendor price feeds, and communication with exchanges.

- Gained deep understanding of the American Stock Exchange, in collaborative partnership with financial executives to diagnose and resolve production delays.
- Continuously diagnosed network access issues, implementing network security policies and procedures. Maintained Citrix MetaFrame Server Farm consisting of 30+ Servers.

EDUCATION

Master of Science – Columbia University, New York, New York (Class of 2018)

Bachelor of Science – Post University, Waterbury, Connecticut (Class of 2012)