

Innovative technologist and leader who thrives in the modern enterprise, builds and inspires talented, accountable organizations, and provides architectural oversight to reduce cost, deliver value, improve operational stability, and ensure technical security. I present both deep and broad experience in globally-distributed enterprise IT, eCommerce, finance, education, and entrepreneurship. My analytical, empirical approach to management, solutions design, and administration yields consistent results, even in volatile environments.

Noted for driving value for the organization, customers, and employees

- **Technology Transformation:** Moved enterprise services and seven major public-facing marketplaces to the public cloud, reducing marketplace hosting OPEX more than 40% annually through the closure of five datacenter sites.
- **Value & Innovation:** Directed a complete overhaul of Liquidity Services' primary eCommerce marketplace, lowering administrative costs by more than 54% while improving both back-end and client-facing performance.
- **Security as a Practice:** Delivered a cybersecurity program integrated closely with automation and configuration initiatives to avoid operational overhead inherent in many security initiatives, and facilitate compliance controls validation.
- **Process & Organizational Transformation:** Implemented modern DevOps without disrupting regular delivery of business functionality in a fast-paced, entrenched, 15-year-old legacy software development organization.
- **Integration:** Designed and conducted technical due diligence program to support corporate acquisitions, subsequently integrating acquired systems to realize intended value.
- **Thought Leadership:** Consulted as a technology subject matter expert by industry groups, vendors, colleagues, and partners.

Blending Technology and Management Expertise

- Process Mapping & Definition
- Public & Private Cloud Architecture
- Globally-Distributed Datacenters
- Talent Recruitment & Retention
- Performance Management
- Team Cohesion & Culture
- Coaching & Mentoring
- Public Speaking & Presentation
- Strategic Technical Planning and Execution
- Complex Organizational Change Management
- High Productivity & Collaborative Leadership
- Internationally Distributed Team Management
- eCommerce, ERP, and CRM design & Implementation
- M&A Due Diligence and Integration Management
- Resource Planning, Offshoring, & Outsourcing
- Business & Technical Systems Integration

Experience

Cyxtera

Vice President, Deputy CISO

2017 - Present

Global, Telecommute

By combining a modern, hybrid-ready information security fabric with an uncommonly diverse and distributed footprint of 57 world-class data centers, Cyxtera delivers a secure platform for connecting and protecting dedicated infrastructure, private clouds and public clouds.

- Built and managed a corporate Information Security program in the midst of a six-entity, 74-site corporate merger/acquisition event.
- Championed "DevSecOps" approaches to automate and simplify both the administration of infrastructure and the audit of configurations and change.
- Built Cyxtera's Security Operations Center from the ground up, deploying tools to secure the necessary visibility and events management, hiring and augmenting staff, and refining operations to provide a competent and cost-effective organization.
- Introduced Architecture Review Board structure to the organization, and created a team to manage the architectural discussion on an ongoing basis, both within and outside the bounds of traditional security considerations.
- Championed, and directly led, the deployment of Cyxtera products throughout the maturing infrastructure, providing practical use cases for the products internally, and reducing cost where a third party product would otherwise be deployed.

FLUX**Advisory Board Member & Founding Investor****2010 - Present**

Chicago, Illinois

FLUX produces, imports, and sells an affordable, efficient, and practical fully electric moped. Growing through sales direct to consumers as well as through their tourism-targeted franchise initiatives, the company has developed a foothold in a market poised for rapid growth fueled by rising energy costs, environmental awareness, and increased urbanization.

- Collaborated to form a coherent go-to-market strategy for both direct sales and franchise initiatives.
- Consulted on the formalization of change control and issue tracking, improving efficiency and effectiveness of the vehicle support, maintenance, and service efforts.
- Advised on organizational development and recruiting efforts, enabling talent acquisition and retention appropriate for the needs of an early-phase startup.
- Developed and reviewed marketing collateral and prospective customer communications.

refmark LLC**Owner & Consultant****2016 - Present**

Bethesda, Maryland

refmark LLC provides information technology & cybersecurity due diligence assessments and technical product advisory services to inform our customers' strategic investments, mergers and acquisitions, and technical implementations.

Liquidity Services, Inc.**Vice President, Technology****2011 - 2017**

Washington, D.C.

Vice President, Engineering
Senior Director, Engineering
Director, Platform Operations & Engineering
Manager, Security & Datacenter Operations
Security Engineer

Liquidity Services (NDAQ:LQDT) is a global leader in surplus asset management, valuation, and disposition. Growth at the firm is rapid, sustained, and innovative, rewarding technical strategy and leadership. In 2011, I was hired to recruit, organize, and operate a formal cybersecurity program at Liquidity, and thereafter, via promotion and corporate growth, recruited, organized, and assumed management of the Technology organization.

- Managed more than 160 technical team members distributed across five countries on three continents.
- Drastically simplified infrastructure, reduced datacenter footprint, and standardized architecture while improving uptime and functionality.
- Automated infrastructure maintenance, configuration, and support, enabling a 54% reduction in employee-hours required for these duties and improving transition-to-support.
- Reduced staff by 34% through discretion in backfills, automation, infrastructure simplification, and performance management.
- Reduced operating expense by more than \$6MM/year (24%) in less than one year.
- Organized, recruited, and managed dedicated Development, Quality Assurance, Compliance, Release & Change Management, Security, DevOps, Database, Infrastructure, Network, Technical Documentation, and Monitoring teams and programs.
- Migrated all major global e-commerce platforms and most corporate service components to the public cloud, increasing scale while reducing management overhead and systems complexity.
- Refined and standardized the hiring process for technical positions, reducing time to recruitment.
- Improved planning and execution by introducing and guiding a formal project framework within Engineering.
- Directed the build-out, decommission, and relocation of six global datacenters, maintaining a cost-effective and appropriately scaled infrastructure.
- Directed the technical build-out, closure and maintenance of a >40-site footprint, including warehouses, offices, and headquarters.
- Managed technical compliance (SOX, PCI, DoD) and facilitated transition of these duties to a dedicated team.
- Established technical due diligence & discovery programs, facilitating corporate acquisition and integration.

- Developed team culture and cohesiveness through group retreats and after-hours events.
- Member of fiduciary committee for 401(k) benefit administration.

Harris Associates L.P.
Network Engineer

2007 - 2011
 Chicago, Illinois

Harris Associates is a compact, highly efficient organization with greater than \$130 billion in assets under management. Success at Harris requires exemplary initiative, project management skills, and technical depth.

- Implemented and supported critical network and server infrastructure in a live trading environment.
- Directed security auditing and penetration testing to ensure compliance with regulatory and client requirements.
- Introduced vulnerability scanning and IPS to the firm, and translated output to relevant security initiatives.
- Established mobility programs, including mobile device management and client build & certification procedures which supported a discerning and mobile staff.
- Reduced operations costs by streamlining procurement, inventory management, and vendor relationships.
- Reduced costs for international teams through telepresence solutions and a robust international support operation based in the US.
- Managed datacenter facilities infrastructure, ensuring redundancy, preventative maintenance, and monitoring.

Tulane University
Systems Administrator

2002 - 2006
 New Orleans, Louisiana

Apple Computer, Inc.
HPC Representative

2004 - 2005
 New Orleans, Louisiana

Vassar College
Allocations Technician

Summers, 2000 - 2005
 Poughkeepsie, New York

Independent Consultant

Part Time, 1998 - 2011

Education

Tulane University

School of Science and Engineering
 Bachelor of Science

- 1st Major: Psychology
 Focus: Biopsychology/Neuroscience
- 2nd Major: English Literature
 ΣΤΔ English Honor Society

2002 - 2006
 New Orleans, Louisiana

Northwestern University
 (toward B.S.)

Part Time, 2003 - 2006
 Evanston, Illinois

- Project Management Professional (PMP) #1658990**
- Certified Scrum Master (CSM) #000410433**
- Global Information Assurance Certification (GIAC) #6073**
- FCC Amateur Radio License Callsign KC3MFR**