

JAMES DECRESCENZO JR

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CHIEF TECHNOLOGY OFFICER

Visionary Chief Technology Officer with over two decades of multifaceted experience across IT architecture and cybersecurity. Demonstrates a commanding grasp of multi-cloud solutions, modern application hardware development, and the strategic implementation of cybersecurity best practices. Recognized for steering high-impact projects in various industries, driving operational transformation, and leading cross-functional teams to deliver innovative and scalable technological solutions.

Adept at cultivating a culture of technological excellence and maintaining a relentless focus on achieving business objectives through strategic innovation and agile project management. Equipped with a robust track record in investing and inventing technology, eager to empower organizations to harness digital advancements for superior financial outcomes and customer experiences.

EXPERTISE

Core Competencies: Creative Solutions | Operations Management | Automation | Solution Architect Review Boards | Architecture Design | Disaster Recovery Business Continuity | Data Centers | Mutli-Cloud Computing | Technical Leadership | Mobile App Development | People Management | Product Development | Agile Methodology | DevOps | User Experience (UX) | Artificial Intelligence (AI) | Project Management | System Scalability | Software Quality Assurance | MVP Development | Budgeting | Software Architecture | Business Strategy | Stakeholder Engagement | Technological Roadmaps | Security Compliance | Risk Management | Full Stack Development (CI/CD) | Revenue Growth | Cost Reduction | Go to Market | Marketing

Domains: Government | Telecommunications | Transportation | Insurance | Banking | E-commerce | Retail | Medical | Hospitals | Private Equity | Legal | Startup | Recruiting | Staffing | Finance | Engineering | Marketing | Non profit | Construction and more

CAREER HIGHLIGHTS

- Founded and grew a Managed Service Provider (MSP), specializing in cost savings, application development, and modernization.
- Led migration of hundreds of on-premises solutions to cloud platforms, encompassing CRM, ERP, custom applications on VMware, Azure, IBM, AWS, Google Cloud Platform, Oracle, and Dell technologies.
- Spearheaded cybersecurity strategies that bolstered defense mechanisms against advanced threats, securing the integrity and confidentiality of critical data.
- Oversaw cloud migration initiatives that optimized business processes, cut operational expenses by 30%, and reinforced systems.
- Managed a team of 70+, including Solution Architects, Cybersecurity Experts, Engineers, Managers, Developers, and Sales.
- Expert in Full Stack Multi-Cloud Architecture with deep expertise in IT modernization, embracing DevOps principles, and broad knowledge across application development, hardware, infrastructure, networking, database management, and cost optimization.

PROFESSIONAL EXPERIENCE

JR Secure Design Inc | Fort Lauderdale, FL

01/2020 – Present

Chief Technical Officer

Jr Secure Design is a compact consulting firm that assists clients with modernizing applications, building hardware, mobile apps, infrastructure, security, disaster recovery, and multi-cloud systems. Led the creation of 100+ applications in diverse systems including contact centers, dating, e-commerce, luxury goods, healthcare, transportation, retail, and AI.

Key Projects & Clients:

Fractional CTO, TLC

- Directed the engineering department in launching a subscription-based e-commerce platform and IoT mobile application, along with integrating Artificial Intelligence capabilities, guiding the project from concept to completion.
- Led the development and successful delivery of a major project, from initial brainstorming to final rollout.
- Supervised a diverse team of 20 professionals, implementing 50+ innovative features to significantly improve both functionality and user experience in the application.

Senior Cyber Security Architect, Florida Blue

- Spearheaded security and reliability enhancements across various applications, preparing them for open enrollment.
- Executed a thorough cybersecurity upgrade for various applications, bolstering security measures ahead of critical open enrollment periods.
- Managed a team of 8 experts to architect and deploy advanced security solutions on Azure, AWS, and VMware environments
- Enhanced risk management and incident response efficiency, ensuring compliance with rigorous industry standards.

Fractional CTO, Gotham Telecom

- Worked on the modernization of a crucial CRM Application infrastructure and cost-saving AI analysis MSP management system. In this role, I managed the launch of this new application, ensuring high availability and security.
- Initiated and led migration and enhancement of critical systems to advanced cloud platforms, significantly improving efficiency.
- Promoted and directed team collaboration that resulted in the successful redesign and optimization of application functionalities.

Senior Cloud Enterprise Application Systems Architect, Conduent

- Led a team tasked with the comprehensive modernization of 10 large-scale design projects within a complex multi-location government transportation platform. Our focus was on re-engineering and modernizing applications, improving data flows, and upgrading cloud systems to boost efficiency and reliability.
- Achieved \$100K+ in monthly savings, successfully mitigating frequent outages and resolving persistent backup issues.
- Led overhaul of 10 enterprise-level design projects, combining separate systems and removing redundancies of information.

Fractional CTO, Gibson Guitar

- Upgraded Gibson Guitar's headquarters with a new data center, critical data migrations, and streaming service for a 2M+ viewers.
- Oversaw application and infrastructure analysis, devised migration strategies, and spearheaded the modernization of various systems, to consolidate overlapping systems to enhance performance and sustainability.

Solution Architect, Ethan Allen

- Developed a Global SD-WAN Edge device tailored for the retail sector, integrating POS, Office 365, and CRM across thousands of outlets for extensive user networks.
- Streamlined Ethan Allen's technology during M&A processes, consolidating, CRM, PBX, and logistics systems across thousands of locations.

Resource inc | New York, NY

01/2016 – 01/2020

Director of Cloud | Solutions Architect

- Tasked with establishing a new cloud practice (\$8M ARR), led and developed a dynamic team of Solution Architects.
- Collaboratively managed an average of 28 projects monthly, enhancing network and cloud systems for large enterprise businesses operating 2000+ locations focusing on innovative re-engineering and strategic design to optimize technology infrastructure.
- Directed strategic and global technology initiatives, coordinating infrastructure updates across all regions; efforts significantly contributed to multimillion-dollar revenue growth through effective stakeholder communication.
- Enhanced internal processes, pinpointing, and implementing improvements for increased efficiency and optimization.
- Managed a large-scale update of a 10,000-agent contact center, incorporating communication tools and productivity suites.

Internet Area Network Inc | New York, NY

02/2000 – 06/2016

Chief Executive Officer

- Innovated a Self Service Cloud portal, achieving over 14,000 users, incorporating IAAS, PAAS, and SAAS, Patented the IAN, leading to the successful sale of the platform in 2016 for over 15M.
- Led a team of 80, overseeing developers and engineers in data center operations with three-fold redundancy and diverse cloud migrations including VMware, Azure and AWS.
- Architected applications and platforms with robust security frameworks, aligning with standards like PCI, HIPAA, and FedRAMP.
- Instituted a Cloud Security Application Infrastructure Architecture Review Board and designed self-service cloud portals.
- Executed disaster recovery audits and solutions, maintaining an exemplary system uptime of 99.999%.
- Architected web-based global high-availability solutions and developed extensive applications including Android and iOS.

PREVIOUS EXPERIENCE

Deloitte & Touche | **Tri-state Datacenter Administrator** | IBM | **Datacenter Architect**

EDUCATION & CERTIFICATIONS

State University of New York at New Paltz | **Bachelors : Electrical Engineering**

ASAE, MCSE, MCT, MLCA | **Machine Learning Cloud Architects** | CNA, CCNA, CISSP, CCSP, TOGF | **Certified Toast Master**