

# JESS DISNEY

(615) 280-0582 | dizzydiz@gmail.com | South Nashville, TN | linkedin.com/in/jessdisney

**Enterprise Infrastructure Architect | AI Integration Strategist | Fractional CIO/CTO**

## PROFESSIONAL SUMMARY

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20-year infrastructure veteran who has architected and managed datacenter environments from 5-person local businesses to BNY Mellon's 60,000-seat global VDI platform across 6 datacenters in 4 countries. I don't just solve problems — I eliminate them permanently, then automate what's left so they never come back.

Currently running Co-CIO, a fractional IT leadership practice bringing enterprise-grade infrastructure, cybersecurity, and AI-driven automation to small and mid-sized businesses. I find every dollar wasted on manual processes, redundant licenses, and outdated systems — then replace them with intelligent automation that delivers measurable ROI within 90 days.

*I build AI solutions in my home lab for fun. I fly airplanes on weekends for search and rescue. I taught college IT courses at night while working full-time during the day. Because if you're not enjoying what you do, you're doing it wrong — and I've been enjoying this for two decades.*

## CORE COMPETENCIES

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|---------------------------------------|---|---------------------------------------|
| • VMware vSphere / Hyper-V / VDI      | • AI Automation & LLM Integration         | • Cloud Architecture (Azure / Hybrid) |
| • Dell VxRail / UCS / Converged Infra | • Cybersecurity & Incident Response       | • HIPAA / SOX / PCI-DSS Compliance    |
| • Network Architecture & Segmentation | • Disaster Recovery & Business Continuity | • IT Cost Optimization & Vendor Mgmt  |
| • Docker / Containerization / Linux   | • Team Leadership & Mentorship            | • Six Sigma IT Project Management     |

## PROFESSIONAL EXPERIENCE

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### Founder & Fractional CIO/CTO

Co-CIO | Middle Tennessee | 2006 – Present

- IT Consulting Service that launched into a fractional IT Leadership Practice serving businesses from 5-person offices to 200+ employee operations across Nashville, Murfreesboro, Shelbyville, and Manchester.
- Deploy AI-powered automation solutions that eliminate repetitive manual processes, cutting client operational costs 15–30% within the first year.
- Created a proprietary 15-Point Infrastructure & Security Audit covering network, firewall, backup/DR, endpoint, compliance, cloud, email security, and AI readiness.
- Built a 24/7 AI-powered client assistant using self-hosted LLMs on custom GPU infrastructure — demonstrating practical AI deployment at SMB-accessible cost.
- HIPAA, SOX, and PCI-DSS compliance consulting for healthcare, financial services, and legal firms.

### Senior Vice President, Global Virtual Cloud Architect

BNY Mellon | Nashville, TN | 2019 – Present

- Principal architect for one of the largest VDI deployments in financial services — 60,000 persistent virtual desktops across 6 global datacenters centered workloads in 4 countries servicing every country globally.

- Led migration from 60,000 to 35,000 persistent desktops while introducing Azure VDI cloud offering, reducing infrastructure footprint 25% and saving millions in annual in-house hosting costs.
- Architected and deployed 28 eight-node Dell VxRail hyperconverged/R770 vSAN clusters for the global VDI platform; managed migration of 45,000+ users with zero unplanned downtime.
- Demonstrated Azure VDI with Zerto backup/restore to C-suite stakeholders, securing executive approval for hybrid cloud strategy.
- Built and trained global sustainability engineering teams across US, UK, and APAC for 24/7 operations with 4-hour DR SLA.

### **Vice President, Global Virtual Cloud Architect**

BNY Mellon | Nashville, TN | 2017 – 2019

- One of two lead global Cloud Architects responsible for all infrastructure hosting BNY Mellon's Chat/AI-Ops and VDI services worldwide.
- Designed and built Azure VDI infrastructure with custom hardware at Equinix datacenters, pioneering hybrid cloud adoption for the enterprise.
- Platform ownership: Cisco UCS compute, Tintri all-flash storage, Hyper-V to VMware migration across all global locations.
- Applied Six Sigma methodology to eliminate wasted effort and reduce cross-team complexity on multi-quarter infrastructure projects.

### **IT Project Manager & Senior Systems Engineer** *(Contract)*

Community Health Systems | Franklin, TN | Aug 2015 – Jan 2017

- Evaluated newly acquired hospitals' datacenters and delivered actionable upgrade roadmaps to bring infrastructure to corporate standards.
- Implemented production datacenter upgrades (VMware ESXi 5.5, EMC VNX 3200/5400 SANs) and migrated existing environments to the new virtual platform.

### **Senior Systems Engineer, Infrastructure Engineering**

Corizon Health | Brentwood, TN | Oct 2014 – May 2015

- Consolidated 2 datacenters, reducing physical footprint while increasing compute and storage capacity.
- Architected storage and VM environments for critical projects; worked directly with business and application owners for right-sized solutions.

### **Team Lead: Senior Systems Engineer & IT Project Manager** *(Contract)*

Community Health Systems | Franklin, TN | Aug 2013 – Sept 2014

- Led team deploying Medhost EDIS across 100+ hospital Emergency Departments — 2,500+ workstations with zero unplanned ER downtime.
- Automated multi-account provisioning from 4 hours to 10 minutes per site; built automated daily password rotation for 500+ service accounts.
- Managed 500+ VMware ESXi VMs running the backbone for Medhost EDIS across the CHS enterprise.
- Direct communication with ER Directors, IT Directors, and site C-level executives on deployment execution.

## AI INNOVATION & HOME LAB

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Technology is my career and my hobby. My home lab is a working AI development environment where I prototype the solutions I deploy for clients:

- Multi-GPU AI cluster (7 GPUs, 2 servers) running locally-hosted LLMs for autonomous AI agents handling infrastructure monitoring, automated diagnostics, and intelligent task delegation.
- Built "Mr. Peepers" — an autonomous AI agent that monitors infrastructure, performs auto-remediation, manages task boards, and communicates via Discord. Runs 24/7 on local hardware, zero cloud dependency and reachable from anywhere on any device.
- 20+ Docker containers across 4 servers: web hosting, AI inference, automated email, kanban management, health monitoring, and GPU workload orchestration.
- Enterprise networking at home: pfSense firewall, VLANs, managed switches, PiKVM remote access, NAS, Portainer — the best way to learn IT is to build IT.

## CERTIFICATIONS & CREDENTIALS

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- VMware vExpert (2019–2022)
- VCP-DCV 2019 (Datacenter Virtualization)
- Azure 70-534 | CompTIA A+, N+ | MCP
- FAA Private Pilot (SEL + Complex) & USAF Civil Air Patrol Pilot
- FAA Part 107 Commercial UAS Pilot
- VCE vBlock | Citrix CCA | Plethora of M\$ certs

## EDUCATION

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### **Bachelor of Science: Data Communication System Technology**

ITT Technical Institute | Nashville, TN | 2005 – 2008

*Graduated Salutatorian with Highest Honors | Minor: Management Information Systems*

## COMMUNITY & LEADERSHIP

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- Adjunct IT Professor, ITT Technical Institute (2008–2010) — A+, Network+, and MCSE courses.
- Civil Air Patrol, Major (2015–Present) — Mission Transport & Orientation Pilot, former Deputy Commander Group Comms Asst Officer: FEMA-certified: disaster relief, search & rescue, humanitarian missions. PIC for C172/C182/C206/G8 aircraft
- VMware User Group (VMUG) Leader (2018) — organized community events for IT professionals.
- EAA Young Eagles & AOPA Advocate — volunteer pilot, 750+ hours, 2,100+ landings, 10+ aircraft types as PIC.