

DANIEL R. LEPEL

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PRINCIPAL MICROSOFT CLOUD ARCHITECT | MICROSOFT 365 & AZURE PLATFORM ARCHITECTURE

SUMMARY

Principal Microsoft Cloud Architect specializing in Microsoft 365 and Azure platform engineering, architecture, and governance. Designs and operates secure, scalable Microsoft cloud environments that enhance reliability, security posture, and end-user experience.

Senior technical authority for identity, endpoint, and security architecture, with a deep focus on Entra ID, Intune, Conditional Access, and Microsoft Defender. Known for translating complex technical requirements into clear, supportable standards that drive adoption and service quality.

CORE COMPETENCIES

Microsoft 365 & Azure Architecture

Tenant architecture, Azure landing zones, hybrid and cloud-first design, Microsoft 365 E5 platform adoption

Identity, Security & Zero Trust

Entra ID, Conditional Access, Privileged Identity Management, Microsoft Defender XDR, identity, and endpoint security architecture

Endpoint & Workplace Engineering

Microsoft Intune, Autopilot, Windows Hello for Business, endpoint standards, and modern device lifecycle management

Automation & Operational Reliability

PowerShell 7, Microsoft Graph API, Azure Automation, reporting, and platform health automation

TECHNICAL SKILLS

- Identity & Security: Entra ID, Conditional Access, Privileged Identity Management, Microsoft Defender XDR, Zero Trust
- Endpoint & Devices: Microsoft Intune, Autopilot, Windows Hello for Business
- Cloud & Platforms: Azure (Arc, Monitor, Sentinel, Bastion, Backup, File Sync), Microsoft 365, Rubrik
- Automation: PowerShell 7, Microsoft Graph API, Azure Automation
- Infrastructure: Windows Server (2000–2025), Windows (7–11), Active Directory, VMware ESX

PROFESSIONAL EXPERIENCE

PRINCIPAL MICROSOFT CLOUD ARCHITECT

02/2025 – 02/2026

National Business Technologies

- Served as architectural owner for Microsoft 365, Azure, and Entra ID strategy across internal operations and MSP customers.
- Owned Microsoft 365 and Azure platform architecture across internal operations and managed customer environments, establishing standards for identity, security, endpoint management, and cloud services
- Designed and governed multi-tenant Microsoft architectures spanning CSP, Internal Use, and customer tenants, ensuring consistency, security, and operational clarity at scale
- Led modernization initiatives migrating legacy platforms to Microsoft 365, including Exchange Online, SharePoint, Teams, and Intune, improving service reliability and end-user experience
- Defined and implemented identity and security architecture using Entra ID, Conditional Access, Privileged Identity Management, and Zero Trust principles
- Architected and standardized endpoint platforms using Intune, Autopilot, and Windows Hello for Business, reducing onboarding friction and improving device compliance
- Consolidated MSP security offerings around Microsoft Defender and Intune, reducing tool sprawl while improving visibility, protection, and operational efficiency
- Developed PowerShell and Microsoft Graph automation to support platform assessments, reporting, and SharePoint-based data ingestion, increasing accuracy and reducing reliance on manual intervention
- Acted as senior technical authority during platform transitions and periods of elevated operational demand, while driving architectural changes that reduced escalation volume and improved customer and internal team satisfaction

SENIOR INFRASTRUCTURE ENGINEER

03/2021 – 01/2025

cb20 (formerly Computer Professionals Inc.)

- Managed client transition to Azure Cloud infrastructure environment for servers
- Modernized workstation onboarding/offboarding, reducing deployment time by 50%
- Configured Intune environment for white-glove deployments, policy enforcement, and application deployments
- Enhanced security posture through tools like CrowdStrike, Defender, and Azure Arc
- Automated manual processes using PowerShell, improving efficiency and accuracy
- Built Azure-based infrastructure, eliminating obsolete on-premises VMs and reducing costs
- Built an Azure Data Warehouse for enterprise operation migration to a new ERP
- Rolled out Microsoft 365 E5 features across the organization, implementing end-user-facing tools and backend solutions, including Intune, Purview, and Defender
- Served as senior escalation resource for complex Azure, Exchange, and Microsoft 365 issues while driving long-term improvements through automation and platform standardization

SENIOR SYSTEMS ANALYST**05/2013 – 01/2021****Fidelity Information Systems**

- Supported and maintained Windows Server and network infrastructure for banks nationwide, running FIS banking and payment platforms
- Led Windows Server migrations and supported banking applications and AS/400 connectivity across multiple U.S. data centers

INFRASTRUCTURE ANALYST**01/2013 – 03/2013****IBM/Collabera**

- Designated Wintel SME and consultant for the New York State Data Center Consolidation project
- Created architecture and vendor comparison analysis for NYS CTO-level decision-making
- Developed detailed relocation project plan tasks for data center migration efforts

SYSTEMS ADMINISTRATOR III / SITE MANAGER**11/1999 – 08/2012****Atos/Siemens IT Services**

- Supported and led enterprise messaging and infrastructure operations for a global services organization serving 85,000+ users across multiple regions
- Promoted into senior and lead roles over tenure, serving as Tier 3 messaging and security support lead with responsibility for complex incidents and platform stability
- Managed large-scale Active Directory and Windows server environments, including 1,800+ Wintel servers and 100+ Citrix servers in highly regulated enterprise domains
- Delivered 24x7 operational support with sustained 98–100% SLA performance, while mentoring junior engineers and coordinating cross-team response efforts

EDUCATION***Bachelor of Science, Management Systems, Rensselaer Polytechnic Institute***

Training: Management 101 – Siemens, Yellow Belt Lean Six Sigma, ITIL Foundations v3