

SHANE MARCELLINI

Cloud Infrastructure and Migration Engineer

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PROFESSIONAL SUMMARY

Cloud Infrastructure and Migration Engineer with more than 27 years of experience designing, modernizing, and supporting enterprise hosting environments, including 17 years at International Paper, a Fortune 500 global leader in sustainable packaging, pulp, and paper products.

Led enterprise modernization initiatives involving more than 1,300 business-critical applications, improving platform reliability, automating operational processes, and supporting high availability across complex Windows, Linux, and hybrid cloud hosting environments. Experienced in hybrid cloud infrastructure, enterprise application hosting, and large-scale infrastructure modernization, with hands-on expertise in Azure Front Door, Azure Application Proxy, Azure DNS, Azure CDN, Microsoft IIS, PowerShell Automation, Windows, and Linux Server environments.

CORE COMPETENCIES

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|------------------------------------|--|
| • Infrastructure Modernization | • Platform Hardening and Optimization |
| • Cloud Operations | • Network and Infrastructure Diagnostics |
| • Enterprise Application Hosting | • Root Cause Analysis |
| • Migration Planning and Execution | • Technical Leadership and Mentoring |
| • Automation Strategy | • Cross-Functional Collaboration |
| • High Availability and Redundancy | • Innovation and Process Improvement |
| • Operational Support | • Disaster Recovery Planning and Support |

TECHNICAL SKILLS

- **Cloud Technologies:** Azure Front Door, Azure Application Proxy, Azure DNS, Azure CDN
- **Infrastructure:** Hybrid Cloud Infrastructure, Windows Server 2003–2022, Linux, Unix
- **Web and Middleware Platforms:** Microsoft IIS, Oracle WebLogic, Oracle HTTP Server, Apache Tomcat
- **Automation and Scripting:** PowerShell, Infrastructure Automation, Migration Automation, Health Monitoring, Process Standardization
- **Networking:** DNS, Virtual IPs, Load Balancing, Firewall Rule Coordination, Hybrid Routing
- **Security:** DigiCert SSL/TLS Certificate Management, Secure Application Hosting, Vulnerability Remediation
- **Enterprise Platforms:** Active Directory, SharePoint, Microsoft Exchange, Oracle-Based Systems

PROFESSIONAL EXPERIENCE

International Paper | Memphis, TN | April 2009 – April 2026

IT Business Consultant I — Cloud Infrastructure & Migration Engineer | July 2017 – April 2026

- Led two enterprise-scale Windows Server end-of-life modernization initiatives across IIS application hosting environments, migrating more than 1,300 business-critical applications across two lifecycle waves: 500+ applications from Windows Server 2003 to 2012 and 800+ applications from Windows Server 2012 to 2022, while minimizing disruption to business users.
- Developed and tested custom PowerShell migration automation over multiple months, reducing manual migration effort by approximately 75% and standardizing repeatable IIS migration tasks, including application discovery, configuration validation, cutover preparation, and post-migration checks.
- Collaborated with DevOps, internal development, networking, infrastructure, database, and application teams to deploy, troubleshoot, migrate, and stabilize web applications, APIs, and enterprise services across hybrid hosting environments.
- Configured and supported hybrid cloud hosting solutions using Azure Front Door, Azure Application Proxy, Azure DNS, and Azure CDN to improve application delivery, traffic routing, and platform availability across enterprise environments.
- Administered and optimized hosting for more than 800 enterprise IIS web applications and APIs, plus 30 scheduled task console applications, ensuring high availability, performance, patch compliance, and production stability across IIS hosting environments.
- Developed more than 100 reusable PowerShell scripts for health monitoring, automated remediation, application pool recovery, vulnerability detection, and migration standardization, reducing manual administration and improving operational consistency.
- Managed enterprise DNS, load balancer configurations, firewall rule coordination, and application cutovers to support secure and seamless infrastructure deployments.
- Administered the DigiCert SSL/TLS certificate lifecycle, automating certificate requests, renewals, deployments, and validation to strengthen security and reduce operational effort.
- Supported enterprise middleware platforms, including Oracle WebLogic, Apache Tomcat, and Apache HTTP Server, ensuring compatibility, performance, and operational continuity for vendor-hosted applications.
- Delivered technical mentoring and knowledge transfer to team members on Azure services, PowerShell automation, enterprise hosting, DNS, IIS, troubleshooting methodologies, and operational best practices.

SharePoint & Application Hosting Administrator | July 2011 – July 2017

- Administered enterprise application hosting environments across IIS, Oracle WebLogic, Apache Tomcat, and Apache HTTP Server platforms on Windows Server infrastructure.
- Managed DNS configurations, SSL/TLS certificates, and application hosting services to maintain secure, reliable, and production-stable enterprise web platforms.
- Developed PowerShell automation to streamline routine administration, improve operational consistency, reduce manual support activities, and support application hosting operations.
- Optimized the performance and availability of more than 1,400 SharePoint sites while providing Tier II and Tier III support for infrastructure issues, application hosting incidents, and production service restoration.

Microsoft Exchange & BlackBerry Systems Administrator | April 2009 – July 2011

- Supported enterprise messaging infrastructure by administering Microsoft Exchange, Active Directory, and BlackBerry Enterprise Server environments.
- Played a key role in the successful migration of approximately 24,000 users from Lotus Notes to Microsoft Exchange, created PowerShell automation that improved migration efficiency and reduced manual effort.
- Administered approximately 5,500 BlackBerry Enterprise Server accounts, providing administration, reporting, troubleshooting, and escalation support.
- Managed Active Directory user accounts, mailboxes, distribution groups, resource mailboxes, and directory objects while automating reporting and administrative tasks with PowerShell.

ServiceMaster | Memphis, TN | September 2005 – April 2009

Microsoft Exchange & SharePoint Administrator

- Delivered Tier III support for enterprise Microsoft Exchange, Active Directory, SharePoint, and BlackBerry environments supporting approximately 14,000 mailboxes.
- Aided with the successful migration from Exchange 2003 to Exchange 2007, supporting planning, implementation, post-migration validation, and production stabilization.
- Provisioned user accounts, mailbox access, and security group memberships within Active Directory, ensuring accurate identity management and prompt user access.
- Automated migration and administrative tasks using PowerShell while collaborating with infrastructure and messaging teams to troubleshoot complex issues, resolve escalations, and support business continuity.

IronBay Computer & Design | Marquette, MI | September 2002 – August 2004

Systems & Hosting Administrator

- Supported hosting infrastructure by deploying and troubleshooting websites for government and small business clients.
- Installed, configured, and repaired desktop systems, servers, peripherals, and office networks while diagnosing hardware, software, and network issues to minimize downtime.

CERTIFICATIONS

Current: Microsoft Certified: Azure Fundamentals (AZ-900)

Planned Certifications (through WGU curriculum):

- **Expected 2026:** AWS Certified Cloud Practitioner | Linux Essentials
- **Expected 2027:** CompTIA A+ | CompTIA Network+ | CompTIA Security+

EDUCATION

Bachelor of Science in Information Technology, Expected October 2027

Western Governors University

Associate of Applied Science in Information Technology

Arkansas State University Mid-South