

# Michael Martz

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## Career Objective

Azure-focused IT professional specializing in cloud engineering, automation, and secure healthcare solutions. Skilled in deploying and managing Azure infrastructures using Bicep, PowerShell, and Azure CLI, with experience in CI/CD pipelines, DevOps workflows, and infrastructure governance. Pursuing a Master of Science in Computer Science (Computing Systems) and holding Azure certifications (AZ-104, AZ-204, AZ-400). Seeking to leverage deep technical expertise in automation, monitoring, and cloud optimization as an Azure Engineer.

## Certifications

Microsoft Azure:

- Azure Solutions Architect Expert (AZ-305 – targeted 2026)
- Designing & Implementing DevOps Solutions (AZ-400)
- Developing Solutions for Microsoft Azure (AZ-204)
- Azure Administrator (AZ-104)
- Azure Fundamentals (AZ-900)

Additional: CompTIA Project+, ITIL Foundation, CompTIA CSIS, CompTIA CSCP, LPI Linux Essentials

## Education

Master of Science in Computer Science – Computing Systems (Expected Dec 2026)  
Western Governors University – Indianapolis, IN

Bachelor of Science in Cloud Computing (Completed 2025)  
Western Governors University – Indianapolis, IN

Cybersecurity & IT Professional Programs – Eleven Fifty Academy

## Technical Skills

**Cloud Platforms:** Microsoft Azure (primary) • Amazon Web Services (AWS) • Google Cloud Platform (GCP)

**Infrastructure Management:** Azure Virtual Machines • Virtual Networks (VNets) • Storage Accounts • Load Balancers • VPN Gateways • Private Endpoints • Network Security Groups (NSGs)

**Infrastructure as Code & Automation:** Bicep • ARM Templates • Terraform • PowerShell • Python • GitHub Actions • Azure DevOps • CI/CD Pipelines • Scripting & Automation Workflows

**Security & Compliance:** Microsoft Entra ID (Azure AD) • Role-Based Access Control (RBAC) • Conditional Access • Data Encryption (at rest & in transit) • Policy & Governance • HIPAA & Regulatory Compliance

**Data & Integration Services:** Azure SQL Database • PostgreSQL Flexible Server • Blob & File Storage • Backup & Recovery • Data Analytics & Monitoring (Log Analytics, Application Insights)

**Containers & Orchestration:** Docker • Azure Container Apps • Kubernetes (AKS concepts) • Image Management • CI/CD Deployment to Containers

## Professional Skills

Cloud Architecture • Problem Solving • Cross-Team Collaboration • Leadership • Technical Communication • Adaptability • Customer Service • Process Improvement • Project Management • Continuous Learning

## Professional Experience

### CarDon & Associates – Carmel, IN

IT Systems & Cloud Technician

May 2025 – Present

- Designed and managed Azure cloud environments supporting 3,000+ users across 20 healthcare facilities, including virtual networks, secure storage, and VM deployments.
- Implemented automation scripts (PowerShell & Bicep) to streamline provisioning and reduce manual workload.
- Collaborated with leadership on cloud modernization projects (e.g., migration from Dell Data Security to BitLocker, Intune device encryption, AI Foundry deployments).
- Partnered with security team to enforce HIPAA compliance through access policies, encryption, and monitoring.
- Mentored Tier I and Tier II staff on Azure troubleshooting, raising overall team capability.

### CarDon & Associates – Carmel, IN

Tier II IT Support Specialist

Dec 2022 – May 2025

- Supported hybrid infrastructure and assisted with Azure workload migrations, improving system reliability across 20+ healthcare sites.
- Managed Entra ID, Intune, and Office 365 integrations to enhance security compliance and user productivity by 25%.

- Automated provisioning and monitoring using PowerShell and Azure CLI, reducing manual configuration time by 40%.

### **CarDon & Associates – Carmel, IN**

Tier I IT Support Specialist

Feb 2022 – Dec 2022

- Supported enterprise systems, networking, and cloud-based applications; resolved 400+ monthly support tickets with 95% SLA compliance.
- Assisted in account management, system provisioning, and hardware/software lifecycle tracking.

### **Restaurant Depot – Indianapolis, IN**

Assistant General Manager

May 2020 – Feb 2022

- Managed operations and led 100 employees; developed leadership and project management skills transferable to IT initiatives.