

Todd DeBlieck

Cosmos Administrator | AI Transformation Leader | Healthcare IT/EMR Professional

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- **GitHub:** github.com/todd814/resume

Summary

Healthcare IT leader and AI transformation practitioner with 15+ years of progressive experience driving clinical and operational outcomes through technology strategy, application governance, and scalable cloud infrastructure. Combines deep Epic EHR and Azure platform expertise with demonstrated hands-on AI delivery — including a production generative AI application built on Azure AI Foundry, Azure AI Search, and Azure Container Apps.

Holds the **Microsoft Certified: AI Business Professional** credential and an **Applied Skill in building generative AI chat applications**; completed seven Microsoft AI leadership learning paths covering AI strategy for healthcare, responsible AI governance, scaling AI in organizations, and driving measurable business value with generative AI solutions. Brings a proven ability to frame AI strategy, assess organizational readiness, and build the executive case for AI adoption at scale.

Recognized for translating complex technical capabilities into actionable operational improvements, mentoring team analyst, and bridging clinical and technology stakeholders. Positioned to lead AI transformation initiatives that deliver durable, measurable outcomes for healthcare organizations.

Technical Skills

AI Tools & Platforms ChatGPT, GitHub Copilot, Claude (Anthropic), Microsoft 365 Copilot; prompt engineering, AI workflow integration, and leveraging LLMs to accelerate analysis, documentation, and process improvement. Trained in responsible AI principles, AI governance, and scaling AI adoption across organizations.

Local AI & Retrieval-Augmented Generation (RAG) Hands-on experience deploying and exploring self-hosted AI stacks including LM Studio for running local LLMs and Open WebUI as a browser-based chat interface. Explored RAG architectures to ground model responses in domain-specific knowledge bases — evaluating use cases for healthcare data workflows, internal documentation search, and AI-assisted decision support.

Azure Cloud & AI Services Azure AI Foundry, Azure AI Search, Azure Container Apps, Azure Static Web Apps, Azure OpenAI Service, Log Analytics; Terraform for infrastructure provisioning and lifecycle management.

AWS Cloud Infrastructure AWS Certified Solutions Architect - Associate; secure, high-performing infrastructure using Route 53, EC2, S3, CloudFront, Auto Scaling, Load Balancing, RDS, DynamoDB, and VPC.

Infrastructure as Code & DevOps Terraform for cloud resource provisioning; GitHub Actions for CI/CD pipelines; automated deployments and infrastructure lifecycle management.

Project Management Managed multiple cross-application projects completing objectives ahead of deadlines.

Coding & Scripting Python, PowerShell, Bash, SQL, YAML, HTML, CSS, and jQuery.

Microsoft Excel & Data Formulas, Pivot Tables, Graphs, Macros, Tableau integration.

SharePoint Site Owner, process improvement and management of digital assets.

Homelab & Self-hosted Computing Linux server administration, Docker, Traefik, Jenkins, OpenVPN, home automation, media services, and self-hosted AI platforms (LM Studio, Open WebUI).

Epic Certifications

- Cosmos Administration
- Cosmos Super User Badge
- Cosmos Researcher Badge (*Data Quality*)
- Inpatient Procedural Orders Certification

Work Experience

Cosmos Administrator — Nordic Global (*in support of Bon Secours Mercy Health I&T*)

January 2024 – Current

- Administer and review data mappings within the Epic Cosmos platform, ensuring data integrity, interoperability, and compliance with Cosmos Governing Council guidelines across a large health system.
 - Directed the review and analysis of upcoming Cosmos features, establishing an implementation plan and managing end-to-end feature rollout.
 - Provide expert guidance on Cosmos data usage, governance standards, and compliance with relevant healthcare regulations and organizational policies.
 - Serve as a subject matter expert bridging clinical operations and data platform needs for cross-functional stakeholders and leadership.
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Sr. Application Coordinator Clinical Content — Nordic Global (formerly Bon Secours Mercy Health I&T)

August 2016 – Current

- Respond to complex application support requests and incidents within defined SLAs, maintaining clear customer communication and timely resolution.
 - Execute ITIL-aligned support processes across Incident, Request, and Change Management, documenting investigation, remediation, and follow-up actions.
 - Manage application and team documentation through disciplined lifecycle practices, including standards, procedures, runbooks, and review artifacts.
 - Coordinate software vendor relationships and escalations to ensure analyst teams receive timely support and issue resolution.
 - Plan and execute application upgrades and maintenance activities, including security patch-related changes, validation, and post-implementation support.
 - Lead analyst-driven project work by scheduling calls, coordinating cross-functional stakeholders, tracking follow-ups, and communicating status to leadership.
 - Pioneered utility enhancements and redesigned workflows that reduced large-scale implementation timelines and analyst overhead.
 - Built metadata tracking and reporting solutions, including executive Tableau dashboards for Order Set utilization and governance visibility.
 - Authored policy-aligned retirement workflows for unused Order Set content, reducing unutilized Order Sets from ~4,000 to ~1,800 in the first year.
 - Developed custom Reporting Workbench and SQL analyses to identify impacted OSQs/PRLs, resolve cross-environment discrepancies, and improve VTE/Sepsis documentation workflows with Quality and ASAP teams.
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Identity and Access Management (IAM) Application Coordinator — Bon Secours Health System

August 2015 – August 2016

- Led IAM implementation for the health system's first Epic partner, ensuring project deadlines were met.
 - Utilized Microsoft Access to join common user data sets to create Employee Access Record Spreadsheets using SQL Query builder.
 - Developed a suite of scripts in Microsoft PowerShell to automate common tasks and manipulate mass volumes of user data that created Employee Access Records (EAR) & Role-Based Access Control (RBAC) spreadsheets utilized during pre-implementation and user scope activities.
 - Coordinated with Application teams during implementations ensuring new user roles were scoped appropriately and existing user records were modified correctly.
 - Reviewed incoming access requests and vetted them per policy.
 - Developed a script to retrieve and mass verify data with the NPPES NPI Registry's API.
 - Developed various Excel macros to post-process and format spreadsheet data used to import data into the EMR.
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Orders Application Coordinator — Bon Secours Health System

April 2010 – August 2015

- Mentored new hires through onboarding and certification, ensuring they had the tools and knowledge to become effective analysts.
 - Analyzed requirements for complex systems and educated clinical and operational users on application functionality and limitations.
 - Provided tier-3 application support by coordinating issue resolution with facilities and maintaining client SLAs.
 - Led migration of application team content from an Oracle-based intranet into SharePoint; served as site owner and established standardized tip sheet distribution processes across the enterprise.
 - Developed automated workflows for issue tracking, tip sheet management, PTO requests, and approvals.
 - Managed application upgrades across multiple versions; facilitated release note reviews, application builds, and executive demos.
 - Assisted in developing Executive and Nurse Manager metrics dashboards for operational visibility.
 - Developed a custom provider sidebar for required documentation, including core measures, using required documentation rules.
 - Redesigned the physician workspace with a new overview report providing access to critical patient data from a single screen.
 - Led an order mode redesign project; created inclusion/exclusion criteria enabling a new "Within Scope of Clinical Practice" order mode for nurses.
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Go-Live Support Consultant

April 2009 – April 2010

End-user go-live support for Stanford University's Dermatology Clinic, Sentara Hospital, and University of Chicago Hospital during Epic EMR go-lives.

Sergeant — United States Marine Corps

May 2008 – April 2009

- Recalled from the Inactive Ready Reserve to active duty in support of operations in Iraq.
 - Trained and deployed as part of a convoy security and Quick Reaction Force element conducting logistics security missions between forward operating bases and remote outposts.
 - Served as vehicle radio operator, responsible for operating and maintaining cryptographic communication devices and ensuring timely distribution of updated communication codes.
 - Assigned to command center operations, coordinating with dispatched units and relaying mission-critical information across the operational area.
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Go-Live Support Consultant — Kaiser Permanente

October 2006 – May 2008

End-user go-live support for Southern California Kaiser Permanente hospitals during multiple large-scale Epic EMR implementations.

Military Police — United States Marine Corps

August 2002 – August 2006

- Completed Marine Combat Training and Military Police occupational specialty school; assigned to duty stations in Okinawa, Japan and Camp Pendleton, CA.
- Selected for a Marine Expeditionary Unit (MEU); completed pre-deployment certification cycle and conducted security operations across the Pacific, including the Philippines, Australia, and Hong Kong.
- Performed international security operations: secured remote areas during Navy humanitarian medical clinics in the Philippines, conducted shore patrol in Australia, and served on the advanced landing team establishing port security in Hong Kong.
- Assigned as Night Shift Desk Sergeant at the main base MP station as a Lance Corporal; dispatched patrol units, managed incident response, and authored daily incident and patrol reports distributed to the Base Commander's staff.
- Deployed to Iraq; performed roles including customs inspections for units departing theater, base police and perimeter security operations, and months of convoy security missions transferring supplies between the air base and remote outposts.
- Separated at the rank of E-4 (Lance Corporal) following four years of active service.

Projects

Ask My Resume — Azure AI RAG Chatbot

2025 – Current | github.com/todd814/resume/azure-ai

Built a production RAG chatbot that lets visitors ask natural language questions about this resume. Deployed a FastAPI backend on Azure Container Apps (scale-to-zero) that retrieves grounded context from Azure AI Search (BM25 keyword index) and generates answers with Phi-4-mini-instruct via Azure AI Foundry serverless inference. Infrastructure fully managed with Terraform (Cloud backend) and deployed via GitHub Actions CI/CD.

Stack: Azure AI Foundry · Phi-4-mini-instruct · Azure AI Search · Azure Container Apps · Static Web Apps · Terraform · Python · FastAPI · GitHub Actions

Self-Hosted Resume — AWS + Terraform + GitHub Actions

2020 – 2026 | github.com/todd814/resume

Designed and deployed this resume as a production-grade cloud application. Provisioned all AWS infrastructure (S3 static hosting, CloudFront CDN, Route 53 DNS, IAM roles/policies) using Terraform. Implemented a fully automated GitHub Actions CI/CD pipeline for linting, validation, and deployment. The entire stack is version-controlled and reproducible, demonstrating real-world IaC and DevOps practices.

Stack: AWS S3 · CloudFront · Route 53 · IAM · Terraform · GitHub Actions · HTML/CSS

Education

Institution	Program	Years
Western Governors University	Humanities and Science	2022–2023
Strayer University	General Studies	2013
Coastline Community College	General Studies	2007–2008

Certifications / Badges

- [Microsoft Certified: AI Business Professional](#)
- [Microsoft Applied Skill: Build a Generative AI Chat App](#) (completed Apr 2026)
- [AWS Certified Solutions Architect - Associate](#) (Verification ID: 046X65S2KNB4QRWE)
- [Credly Badges](#)

Microsoft Learn — AI Leadership & Strategy Paths (all completed Apr 2026 · [View profile](#))

- Transform your business with AI
 - Discover AI for leaders in healthcare
 - Discover AI for leaders in sustainability
 - Drive business value with AI solutions
 - Explore the business value of generative AI solutions
 - Transform business workflows with generative AI
 - Scale AI in your organization (includes: *Responsible AI principles & practices*)
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Professional Development

Institution	Course / Program
University of California, Davis — Coursera	-- DevOps Culture and Mindset
Google Cloud Training — Coursera	-- Architecting with Google Kubernetes Engine
Coursera Project Network — Coursera	-- Terraform Basics: Automate Provisioning of AWS EC2 Instances
University of Virginia — Coursera	-- Continuous Delivery & DevOps

Conflict: Building Successful Relationships — Bon Secours Training Institute (*Mar 2018*) Managing conflict to maintain and enhance relationships critical to individual and organizational success.

Vital Conversations: Managing the Cringe Moments — Bon Secours Training Institute (*May 2018*) Gaining emotional control in conflict situations and developing feedback techniques that drive process improvement.

Facilitative Leadership — Bon Secours Training Institute (*Sep 2014*) Applying the seven Facilitative Leadership Practices framework to inspire commitment and strengthen team and organizational effectiveness.

Personal Accolades

Eagle Scout (2000)	Global War on Terrorism Service Medal (2006)
3x Sea Service Deployment Ribbon (2003, 2005, 2008)	Navy Unit Commendation (2003)
Armed Forces Reserve Medal with "M" Device (2008)	Certificate of Appreciation for Recalled Service (2009)
USMC Good Conduct Medal (2006)	2x Iraq Campaign Medal (2005, 2008)
National Defense Service Medal (2002)	Combat Action Ribbon (2005)
