


Avatar

 Cosmos Administrator | AI Transformation Leader

 Richmond, Va

 [email](#)

 [todd-deblieck](#)

 [Online](#)

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Technical Skills

AI Tools & Platforms

ChatGPT, GitHub Copilot, Claude (Anthropic), prompt engineering, AI workflow integration, and leveraging LLMs to accelerate analysis, documentation, and process improvement.

AWS Certified Solutions Architect - Associate

Secure, high-performing, resilient, and efficient infrastructure using Route53, 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, and media services.

Epic Certifications

Cosmos Administration & Super User

Summary

Seasoned healthcare IT professional and emerging AI transformation leader with 15+ years of experience bridging clinical operations and technology. I design and deliver intelligent solutions that elevate workflows, improve patient outcomes, and enable data-driven decision-making at scale. With hands-on expertise in AWS cloud infrastructure, Epic EHR, automation, and Infrastructure as Code – paired with a growing command of AI tools and large language models – I help organizations move from reactive IT support to proactive, AI-augmented operations. Proven ability to lead cross-functional initiatives, translate complex technical concepts for executive audiences, and drive measurable improvements in efficiency and quality.

Work Experience

Cosmos Administrator Nordic Global (formerly Bon Secours Mercy Health)

 January 2024 - Current

- Administer and maintain data mappings within the Epic Cosmos platform, ensuring data integrity, interoperability, and compliance with Cosmos Governing Council guidelines across a large health system.
- Developed and implemented data mapping processes to optimize clinical data exchange and support the ongoing evolution of the Cosmos platform.
- Supported the implementation of new Cosmos features and updates, validating accuracy of internal data structures and terminology to ensure downstream reporting fidelity.
- Provide expert guidance on Cosmos data usage, governance standards, and compliance with relevant healthcare regulations and organizational policies.
- Leverage deep understanding of Cosmos components – including data mapping, reporting, and analysis – to contribute to enterprise-wide data governance strategies.
- Serve as a subject matter expert bridging clinical operations and data platform needs for cross-functional stakeholders and leadership.

Sr. Application Coordinator Nordic Global (formerly Bon Secours Mercy Health)

 August 2016 - January 2024

- Actively exploring and applying AI tools (ChatGPT, GitHub Copilot) to accelerate analysis, documentation, and process improvement workflows – reducing time-to-insight and analyst overhead.
- Identified opportunities for greater efficiencies through process improvement, systems integration and guided the implementation of these solutions.
- Pioneered the implementation of system utilities into the Analyst workflow.
- Developed improved workflows which drastically reduced the implementation time of large scale projects.
- Created a system to aggregate metadata to aid in tracking requirements for bi-annual reviews.
- Identified a gap in reporting resources for Order Set utilization metrics; collaborated with the Quality team to develop executive-level Tableau dashboards for Informatics leadership to review Order Set utilization in graphical format.
- Assisted in creating policies and procedures for Order Set utilization to retire unused content annually from the EMR.
- Performed annual analysis of Order Sets to retire unused content in accordance with policy, reducing unutilized Order Sets from ~4,000 to ~1,800 in the first year.
- Developed custom Reporting Workbench reports for Inpatient Order Sets to identify OSQs and PRLs affected by order changes.
- Utilized SQL to analyze exported Order Set data across environment to identify and remediate discrepancies.

Ask AI

Inpatient Procedural Orders Certification

Portfolio

PowerShell Script Snippet



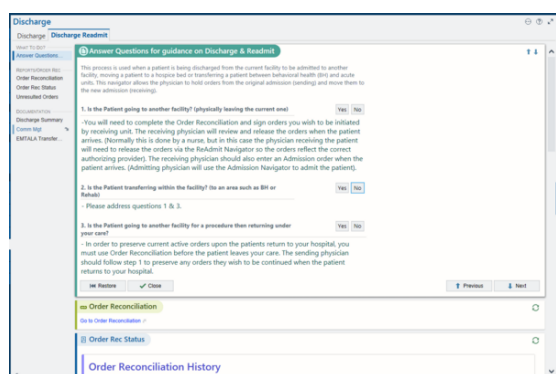
Sample snippet from RBAC automation scripts. Here you can see joining of properties and the beginning of processing the data in excel.

Physician Checklist



Custom sidebar for Required Documentation checklist to help reduce BPA bloat and guide providers ensuring all required documentation is completed.

Discharge Readmit



Custom Discharge and Readmit workflow that guides Physicians making a somewhat challenging and confusing process easier to follow.

Nurse Manager Unit Dashboard



Assisted in creating high-level overview of unit and facility metrics for Nurse Managers and Executives.


Kanban project tracker



Custom Kanban-style team project tracker created in SharePoint 2010.

- Worked with the Quality team to ensure QRDA metrics for VTE and Sepsis documentation are properly captured, making system changes as identified.
- Created recommended Order Set and BPA alerts based on clinical documentation standards.
- Collaborated with ASAP application team to improve Sepsis workflows, streamlining transitions of care from ED orders to Inpatient unit transfers.
- Skilled in multiple full-cycle Epic implementations.

Identity and Access Management (IAM) Application Coordinator Bon Secours Health System

 August 2015 - August 2016

- Lead IAM implementation for our 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 (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. Maintained and updated EAR and RBAC.
- Reviewed incoming access requests and vetted them per policy.
- Developed script to retrieve and mass verify data with the NPPES NPI Registry's API.
- Working with the Provider Verification Team I developed various excel macros to post-process and format spreadsheet data that they used to import data into the EMR.

Enterprise Orders Application Coordinator Bon Secours Health System

 April 2010 - August 2015

- Mentored new hires during on-boarding, while obtaining certifications, and initial work assignments ensuring they knew how to use system tools and resources to be successfully analysts.
- Defined user requirements for complex systems and educated customers on application functionality and limitations. Collaborate with customers on efficient, effective use of application resources, and created related documentation as necessary.
- Coordinate support and issue resolutions with the facilities to provide tier-3 application support.
- Facilitated product demos detailing high-level functionality for various audiences.
- Maintained client SLAs for issue resolution.
- Implement enhancement requests from the end-user.
- Lead effort to migrate content from Oracle based intranet into SharePoint 2010 for application team.
- SharePoint site owner for application team. Created and maintained site content.
- Created tip sheet database and automated processes in SharePoint for application teams to submit end-user tip sheets for the enterprise which standardized the process and materials distributed.
- Developed highly automated workflows for tip sheets, issue tracking, PTO requests & approval
- Managed application upgrades for multiple version. Facilitated different aspects of reviewing Release Notes, completing application build, and conducted functionality demos for executive leadership.
- Assisted in developing Executive and Nurse Manager metrics dashboards.
- I developed a custom sidebar for provider required documentation including core measures using required documentation rules.
- Optimized and streamlined provider's reports and workspaces.
- Worked with physician champions and leaders on various project management and enhancement projects.

- Redesigned physician workspace with a new overview report, providing users with access to critical medical data at a glance from one screen.
- Worked on order mode redesign project where I created inclusion/exclusion criteria to allow specific orders to be placed using a new 'Within Scope of Clinical Practice' order mode for nurses.
- Identified, managed, and communicated issues and risks, diplomatically escalating as appropriate through areas affected. Assisted others in gathering, assessing and troubleshooting of application failure root causes.

Go-live Consultant

 April 2009 - April 2010

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

Sergeant United States Marine Corps

 May 2008 - April 2009

Recalled from Inactive Ready Reserve to active duty during a time when Senior Enlisted Marines were needed in support of various missions.

Go-Live 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

Served and performed various roles and duties as directed while in support of the Marine Corps mission.

Education / Online Classes

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

Udemy

AWS Developer Associate Certificate of Course Completion

Strayer University

General Studies

Coastline Community College

General Studies



Certifications / Badges

[AWS Certified Solutions Architect - Associate](#)

[Epic Certifications](#)

[Credly Badges](#)



Projects

[Ask My Resume – Azure AI RAG Chatbot](#)

 2025 - **Current**

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

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

[Self-Hosted Resume – AWS + Terraform + GitHub Actions](#)

 2020 - **Current**

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



Professional Development

Conflict: Building Successful Relationships

Bon Secours Training institute

 Mar 2018

Learning how to successfully manage conflict can benefit individuals and produce great results for you and the entire organization. By the end of the course, students will be well-versed in how to maintain or enhance the relationships that are critical to their success and that of the organization.

Vital Conversations: Managing the Cringe Moments

Bon Secours Training institute

 May 2018

Learning how to gain emotional control in conflict situations, develop a feedback message that can be heard, learn ways to respond in conflict situations to reduce tensions, build relationships and identify areas for process improvement.

Ask AI

Facilitative Leadership

Bon Secours Training institute

 Sep 2014

The seven Facilitative Leadership Practices provide a framework for improving the effectiveness of team, project, and organizational leaders. Workshop participants will learn how great leaders inspire commitment and make people feel they are part of a larger, more meaningful effort. Facilitative Leadership supports both our Bon Secours values and Charism, and provides a practical learning environment with tools that leaders can quickly put into action.



Personal Accolades

Eagle Scout (2000)

3x Sea Service Deployment Ribbon
(2003, 2005, 2008)

Armed Forces Reserve Medal with "M"
Device (2008)

USMC Good Conduct Medal (2006)

National Defense Service Medal (2002)

Global War on Terrorism Service Medal
(2006)

Navy Unit Commendation (2003)

Certificate of Appreciation for Recalled
Service (2009)

2x Iraq Campaign Medal (2005, 2008)

Combat Action Ribbon (2005)



Volunteering

Chesterfield Little League: Coach (2014 - 2018), Information Director (2018 - 2019)

Magnolia Green Neighbourhood: Social Events (2014 - 2020)

Scouts of America (2019 - Current)