

Dr. Todd A. Nitkin, DPMM FACFAS, MPH

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[Dr. Nitkin Website and Published Research](#)

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Dear Hiring Manager,

I am writing to express my strong interest in the [Position Title] at [Company Name]. As a **Microsoft Certified Power BI Developer (PL-300)** with **11+ years of specialized Power BI experience, 15+ years in healthcare business intelligence, and clinical background as a practicing physician**, I uniquely bridge the gap between healthcare domain expertise and advanced data analytics. After 11 years in clinical practice, a life-changing event in 1999 led me to transition from medicine into healthcare data analytics and humanitarian work—discovering my true professional passion in Power BI and healthcare data systems. This isn't a career experiment; it's the work I'm committed to for the long term.

My Power BI technical capabilities are extensive, and healthcare focused. At **IntelliDyne**, I architected an **enterprise Power BI solution processing 50 million records across 350+ tables**, reducing analysis time from weeks to **under 30 seconds** through advanced **semantic layer design, query folding, and aggregation table optimization**. I designed **DirectQuery and composite data models** with **Power BI incremental refresh** optimized for **10M+ daily query operations** with sub-second response times while maintaining data security standards. By engineering automated **ETL pipelines using Power Query, Python, and Azure Data Factory**, I achieved **70% reduction in dashboard load times**. I created **DAX pattern libraries with 75+ reusable measures** specifically designed for healthcare metrics and **Power BI templates** that reduced new dashboard development time by **60%**, demonstrating my ability to build scalable, **HIPAA-compliant** solutions using the complete Power BI ecosystem including **Power BI Desktop, Service, Gateway, workspaces, and deployment pipelines**.

My healthcare analytics experience is both broad and deep. As **Senior Health Data Intelligence Lead at World Vision International**, I architected an **enterprise Power BI healthcare reporting framework across 90+ countries** for global public health programs serving **10M+ beneficiaries**. I built **complex healthcare data models** integrating **disparate clinical data sources** including **EMR systems, DHIS2, Kobo Toolbox, laboratory information systems, and supply chain pharmaceutical data** using **Power Query**. I created **advanced DAX calculations for epidemiological analytics** including **disease prevalence rates, vaccination coverage calculations, under-5 mortality trends, malnutrition rates, antenatal care coverage, and disease outbreak forecasting**. I designed **population health operational dashboards** tracking **clinical quality measures** and implemented **HIPAA-compliant row-level security (RLS)** ensuring **PHI protection** for **1,000+ healthcare users** across organizational hierarchies. I optimized healthcare report performance by **60%** through **query optimization and DirectQuery tuning** for reports with **5M+ patient records**, trained **50+ international public health staff** on healthcare data visualization, and collaborated with **WHO, UNICEF, and USAID** on healthcare data interoperability frameworks including **HL7/FHIR standards**.

At **Medical Teams International**, I developed **Power BI reporting solutions for medical coding compliance** including **CPT/HCPCS and ICD-10 coding, reimbursement analysis, and denials management**, creating **operational dashboards tracking revenue cycle KPIs** including **days in AR, collection rates, and denial rates by payer**. During clinical practice at **Silver Spring Ambulatory Surgical Center**, I optimized clinical and financial performance, reduced **claim denials by 25%**, and developed operational reporting tracking **patient flow and productivity metrics**. This combination of **clinical expertise (DPM, Fellow of ACFAS)** with **healthcare data analytics proficiency** enables me to understand clinical workflows, revenue cycle operations, and healthcare data systems including **EMR/EHR integration, health insurance (Commercial, Medicare, Medicaid), and regulatory compliance**.

I excel in **Agile/Scrum environments**, having partnered with **clinical staff, healthcare administrators, and C-suite executives** to translate healthcare business requirements into technical specifications. My proficiency extends to **Azure Health Data Services, Azure Synapse Analytics, Databricks, Tableau, Alteryx**, and the **Microsoft BI Stack (SSRS, SSIS, SSAS)**. My **Master of Public Health from Johns Hopkins** combined with my

medical degree provide the unique combination of healthcare domain knowledge and technical expertise required for healthcare analytics leadership.

I am excited about the opportunity to bring my expertise in **Power BI development, HIPAA-compliant healthcare analytics, population health reporting, revenue cycle analytics, and clinical domain knowledge** to **[Company Name]**. I would welcome the opportunity to discuss how my experience designing scalable healthcare Power BI solutions and my understanding of clinical workflows can contribute to **[specific company goal/project from job description]**.

Thank you for your consideration. I look forward to speaking with you soon.

Sincerely,

Todd

Dr. Todd Nitkin, DPM, FACPAS, MPH

Microsoft Certified Power BI Data Analyst Associate (PL-300)