

SHAWN PICKETT

DIRECTOR OF RADIATION SAFETY | Product Strategy

Cincinnati, Ohio

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EXECUTIVE PROFILE

Strategic Director, Radiation Safety Officer, & Software Engineer bridging the gap between Clinical Health Physics and Modern Software Architecture. Proven track record of scaling service lines from **\$0 to \$2.5M ARR** through product innovation. Expert in deploying AI (LLMs & RAG) to automate complex operational workflows, reducing labor costs while increasing compliance accuracy. I build scalable systems, both human and digital, that drive profitability and mitigate risk in highly regulated environments.

PROFESSIONAL EXPERIENCE

Fluke Health Solutions

2016 – Present

DIRECTOR OF RADIATION SAFETY SUPPORT SERVICES

Glenwood, IL (Remote)

- **0 to 1 Business Scaling:** Spearheaded the launch of a new SaaS & Service business unit, driving growth from inception to **\$2.5M in Annual Recurring Revenue**.
- **AI-Driven Efficiency:** Architected a custom AI automation pipeline that eliminated **2,000+ hours** of manual regulatory work annually, significantly boosting gross margins while enabling growth.
- **Strategic Product Ownership:** Directed the full lifecycle of technical products, translating complex regulatory requirements into user-friendly service and software solutions.
- **Technical Engineering:** Built and deployed an internal Sentiment Analysis engine (Python) to analyze customer support calls, proactively identifying churn risks and upsell opportunities.

Sarasota Memorial Healthcare System

2012 – 2016

MANAGER OF NON-INVASIVE CARDIOLOGY & NUC MED, RSO

Sarasota, FL

- **Operational Turnaround:** Orchestrated the restructuring of the Radiation Safety Program, delivering **\$300K in annual cost savings** while improving safety metrics.
- **Leadership & Compliance:** Managed a diverse, interdisciplinary team in a high-volume trauma center, achieving 100% compliance during rigorous state inspections.
- **Strategic Planning:** Implemented long-term capital equipment strategies and optimized staffing models to handle increased patient volume.

University Medical Center

2009 – 2012

NUCLEAR MEDICINE TECHNOLOGIST

Lubbock, TX

Performed advanced diagnostic and therapeutic procedures in Nuclear Medicine and CT. Served as technical liaison for physicians to ensure patient safety and image quality.

CORE COMPETENCIES

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|--------------------|---|
| ENGINEERING | Python, Next.js, React, LLM/RAG, SQL, Postgres |
| PLATFORM | AWS, Azure, Google Cloud, Salesforce, Zendesk |
| STRATEGY | P&L Management, Risk Assessment, Process Automation |
| TECHNICAL | Health and Medical Physics, Radiation Dosimetry, Radiology and Nuclear Medicine |

EDUCATION

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|---------------------------------|
| Master of Business Admin |
| Webster University |
| B.S. Radiologic Science |
| Midwestern State University |
| Cert. Nuclear Medicine |
| University of Findlay |