James Thannickal

MBA, RT(R), FACHDM
AI development & implementation · Diagnostic informatics

james.thannickal@gmail.com | LinkedIn | Portfolio

PROFILE

Healthcare AI builder and technology leader with a decade in Wall Street technology followed by clinical radiography, diagnostic informatics, and software development leadership. Connects clinical, technical, and business teams to carry ideas through testing, implementation, and continuous improvement. Northwell Innovation Challenge winner and published author on operationalizing radiology AI.

AREAS OF PRACTICE

Generative AI · Clinical workflow integration · AI governance · Enterprise imaging
Software development leadership · Epic readiness · Diagnostic services · Project delivery

NORTHWELL HEALTH

Assistant Vice President, Exploration & Innovation

April 2022–present

Builds and implements clinical technology with teams across radiology, pathology, and clinical laboratory services, working alongside clinicians, technologists, nurses, operational staff, engineers, and analysts.

- **Clinical AI:** RCI Assistant chart summarization and clinical Q&A within the reporting workflow; AI-enabled safety and follow-up workflows through SafeSign and Amplify.AI.
- **Implementation:** Imaging IT readiness for Epic transformation, enterprise imaging strategy, integration planning, and software development leadership.
- **Governance:** Helps shape AI governance across imaging and laboratory services, connecting clinical ownership, oversight, and operational support.
- **Patient experience:** Helped deliver Scanslated patient-friendly radiology reports across outpatient imaging centers.
- **Recognition:** Winner of the 2025 Innovation Challenge as part of the Amplify.AI team; member of the 2026 President's Award–winning Team of the Year.

Senior Director, Software Development, Engineering and Services

April 2019–April 2022

Led teams supporting radiology applications, integrations, analytics, and enterprise imaging operations.

Director, IT – Imaging Services

October 2013–April 2019

Managed radiology informatics across the Northwell Health system.

IS Manager – Radiology

April 2011–September 2013

Managed technology, business processes, and mission-critical services for outpatient imaging centers.

Experience across disciplines

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CLINICAL FOUNDATIONS

Radiology Applications Analyst

Catholic Health Services · October 2010–April 2011

Worked on the system-wide Epic implementation, connecting clinical workflows with enterprise applications.

Radiologic Technologist & clinical training

North Shore-LIJ / North Shore University Hospital · October 2008–October 2010

Diagnostic radiography experience, with digital imaging training and on-site troubleshooting.

WALL STREET TECHNOLOGY & PROJECT DELIVERY

Project management & enterprise technology

UBS · December 2001–October 2008

Progressed through technology support, systems analysis, technical project management, and project leadership. Delivered enterprise technology work across branch and trading-floor environments, coordinating technical teams and business stakeholders with ownership of schedules, service quality, and follow-through.

Earlier financial-services roles · 1999–2001
Network Administrator, Bondholder Communications Group; Programmer Analyst Intern, International Securities Exchange; Windows NT Administrator Intern, PaineWebber; PC LAN Support Technician, The Chase Manhattan Bank.

EDUCATION, CREDENTIALS & SERVICE

Master of Business Administration (MBA)
Registered Technologist, Radiography — RT(R)
Fellow, American College of Health Data Management — FACHDM
Member, SIIM Enterprise Imaging Committee

SELECTED PUBLICATIONS & BOOKS

AI as Core Infrastructure in Radiology: Moving Beyond Pilots to Operational Excellence
Journal of Imaging Informatics in Medicine · Editorial · August 2026
HealthManagement.org – The Journal · Volume 26, Issue 2 · February 2026

AI as Core Infrastructure in Radiology
The Imagist · New York State Society of Radiologic Sciences · 2026

Books: *How Your House Thinks* and *Personal Finance Made Practical*. Additional writing explores foundation models, AI implementation, and postdeployment monitoring.

PUBLISHED INDEPENDENT WORK

Better Between Us — A relationship check-in that brings structured feedback to partners, family, and friends.
Does this machine need AI? — An interactive activity for comparing designs and deciding where AI belongs.