

Rahil Patel, MBBS, MSHI

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Physician-informaticist deploying HIPAA-compliant clinical AI systems at scale. MBBS + MSHI + Johns Hopkins AI credentials with hands-on Anthropic Claude (AWS Bedrock) deployment across 40+ post-acute facilities. Leads a team of 17 CAs and provides AI adoption training to ~50 clinical staff. Award-winning AI research in breast cancer detection.

WORK EXPERIENCE

Essen Healthcare - Bronx, NY

March 2026 - Present

Clinical Informatics Analyst - AI & Automation

- Architected a HIPAA-compliant clinical documentation platform serving ~10,000 SNF patients, integrating Anthropic Claude (AWS Bedrock) to auto-generate E&M-compliant notes across APCM, AWW, monthly, and specialty visit types with embedded CPT/HCPCS code suggestions.
- Hardened the platform to pass corporate security review with field-level PHI encryption, JWT/refresh-token authentication, and role-based access control across 4 provider roles, resolving 90 audit findings prior to review.
- Built an AI HCC risk-adjustment gap-analysis tool on the CMS-HCC V28 model (8,019-code ICD-10 crosswalk) that surfaces undercoded diagnoses with verbatim source evidence and per-patient RAF gain, with prompt-level guardrails preventing unsupported code fabrication across 6+ EHR systems.
- Lead a functional team of 17 Clinical Assistants; provide AI adoption training to ~50 CAs across 40 facilities on documentation workflows built and deployed independently.
- Contribute to Essen Billing App development, integrating AI documentation tools and coordinating feature testing with IT and senior leadership.
- Design operational dashboards providing nursing home division leadership with real-time visibility into provider productivity, encounter volume, and facility census trends.

Essen Healthcare - Bronx, NY

Feb 2025 - March 2026

Clinical Assistant

- Optimized clinical workflows across SigmaCare, PointClickCare, WellSky, and eClinicalWorks, enhancing data accuracy, interoperability, and care coordination across post-acute facilities.
- Drove improvements in clinical documentation and patient intake processes to strengthen data integrity and support high-quality downstream clinical decision-making.
- Advanced patient engagement initiatives through structured digital documentation practices, improving data reliability and longitudinal continuity of care.
- Applied clinical informatics principles to enhance care delivery workflows and support value-based healthcare initiatives through scalable, data-driven process improvements.
- Collaborated cross-functionally with clinical and administrative stakeholders to align digital documentation workflows with operational, quality, and HIPAA/PHI compliance objectives.

Sharda Multispecialty Hospital - New Delhi, India

Jul 2018 - Jul 2023

Physician

- Managed 50+ daily patient encounters; developed structured documentation frameworks improving patient satisfaction by 25% and reducing follow-up inquiries.
- Led COVID-19 protocol training for clinical staff achieving 100% completion; launched patient resource guide reducing appointment no-shows by 15%.
- Earned recognition for staying on-call and delivering training that enhanced overall clinical team response effectiveness across the hospital.
- Analyzed and documented complex cases across Internal Medicine, Oncology, Emergency Medicine, and multiple specialties.

Affiliated Hospital, Weifang Medical University - China

Jun 2017 - Jun 2018

Clinical Intern

- Analyzed records for 2,000+ patients ensuring accurate record-keeping and compliance.
- Facilitated patient rounds and participated in interdisciplinary team discussions, contributing to individualized care plans.

EDUCATION

Johns Hopkins University <i>AI in Healthcare Certification Program</i>	Feb 2026
Sacred Heart University <i>Master of Science, Healthcare Informatics GPA: 3.92</i>	Dec 2024
Weifang Medical University <i>Bachelor of Medicine & Bachelor of Surgery (MBBS) - Equivalent to US MD</i>	Jun 2018

ACHIEVEMENT & RECOGNITION

Winner - New England HIMSS Student Research Poster Contest 2025

Research: Role of AI in Enhancing Accuracy and Efficiency of Breast Cancer Detection & Diagnosis. Presented to healthcare and informatics professionals at a competitive regional poster contest; recognized for innovation and impact in applying informatics to enhance clinical outcomes.

CERTIFICATIONS

Artificial Intelligence on Cloud	Jun 2026
Big Data Analytics	Expected Jul 2026
AI in Healthcare - Johns Hopkins University, Whiting School of Engineering	Nov 2025 - Feb 2026
Good Clinical Practice (GCP) - NIDA Clinical Trials Network	Oct 2024 - Oct 2027

LEADERSHIP & ACADEMIC EXPERIENCE

Sacred Heart University - Fairfield, CT <i>President, Healthcare Informatics Club</i>	Mar 2024 - Dec 2024
<ul style="list-style-type: none"> • Led career development workshops, guest speaker forums, and peer mentoring initiatives bridging classroom learning with industry practice. 	
Sacred Heart University - Fairfield, CT <i>Classroom Learning Assistant, Project Management</i>	Sep 2024 - Dec 2024
<ul style="list-style-type: none"> • Mentored students on project management concepts; supported faculty with course coordination and research tasks. 	

TECHNICAL SKILLS

AI/ML Platforms: Anthropic Claude (AWS Bedrock), Claude Enterprise, Microsoft Copilot Studio, Azure OpenAI, Azure AI Foundry, Azure Entra ID

EHR/Clinical Systems: SigmaCare, PointClickCare, WellSky, eClinicalWorks, Allscripts, Visual

Analytics & Reporting: Tableau, Power BI, Microsoft Excel

Compliance & Standards: HIPAA, GCP, E&M Documentation, ICD-10, CMS-HCC Risk Adjustment (V28), RAF, CPT/HCPCS, CMS Regulatory Standards.