Nisar Ahmed

Agentic Health-Tech Architect | Solutions Orchestrator

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Bangalore, India

Professional Summary

Operational leader with 10+ years of experience leveraging **Agentic AI (Vibe Coding)** to build high-performance healthcare systems. Pairing deep clinical domain expertise with rapid AI orchestration to bridge the gap between **Ground Reality** and **Modern AI Compliance**. Architect of OmniIngest: A platform built via agentic workflows that turns complex regulatory laws into production-grade, compliant software at 10x speed.

Experience

Senior Agentic Solutions Architect (Healthcare) | OmniIngest Systems Nov 2025 - Present

Agentic Orchestrator: Utilizing "Vibe Coding" workflows to build robust, compliant healthcare microservices. Orchestrating AI agents to translate 10+ years of clinical wisdom into production code.

Cryptographic Compliance: Engineered a "Kill Switch" for DPDP Act 2023 (Rule 8.3) using cryptographic shredding to ensure irreversible data deletion.

FHIR R5 Remediation: Built a Rust-accelerated ingestion layer to normalize legacy hospital data into FHIR standards.

Tech Stack: Agentic AI (Cursor/Composer), Python 3.10+, Rust, HL7 FHIR, AES-256 Cryptography.

Data Analyst (Strategic Rural Exposure) | R K Nursing Home Oct 2020 - Oct 2025

Strategic Rural Focus: Intentionally returned to a rural setting to study the "ground truth" of unstructured medical data, identifying the gap between urban tech policies and rural capabilities.

The OmniIngest Genesis: Standardized years of legacy patient records, proving that "Ingestion Failures" in rural hospitals are the primary blocker for national interoperability (ABDM).

Operations Manager (The Health-Tech Catalyst) | K Arogya Advisory Services Dec 2018 - Aug 2020

Multi-Center Implementation: Led a strategic mission to deploy data-driven clinical workflows across major institutions: KG Hospital & Rao Hospital (Coimbatore), Ramaiah (Bangalore), Velammal (Madurai), and SRM (Chennai).

Data Standardization: Successfully trained teams on patient data capture, exposing critical variances in data standards across hospitals—a key inspiration for future interoperability work.

Operations Manager | R K Nursing Home Nov 2016 - Nov 2018

Resource Optimization: Chose to lead operations in a high-volume, resource-constrained environment to master the efficiency protocols required for scalable hospital management.

Patient Flow Logic: Streamlined clinic-to-patient data flows, creating the manual prototypes for the digital workflows I design today.

Customer Care Executive | Cloudnine Group of Hospitals Nov 2015 - Nov 2016

Patient Relations: Managed critical healthcare communication at Bangalore's premier maternity hospital, gaining deep insights into "patient-side" friction points in healthcare metadata.

Healthcare Operations Coordinator | R K Nursing Home `May 2012 - Nov 2015`

Operational Blueprint: Established the core logistics and clinical coordination protocols for the facility—creating the very manual systems I would eventually return to digitize.

Technical Skills

Agentic AI (Cursor/Composer), Vibe Coding, Python 3.10+, Rust, SQL, Polars, GenAI

Healthcare & Compliance

DPDP Act 2023, HL7 FHIR R5, ABDM 2.0, HIPAA, Medical Law

Orchestration

AI Governance, Data Privacy, AES-256 Cryptography, Ops Strategy

Engineering Portfolio

OmniIngest Identity (GitHub): Full-stack repository demonstrating the "Safety Rails" architecture, including the agent-orchestrated remediation engine and Python compliant layers.

The "5-Year Code" Initiative: A personal discipline protocol involving daily code commits and architectural review, demonstrating sustained technical growth and consistency in building health-tech solutions.

Education & Certifications

Bachelor of Computer Application (BCA) | University of Mysore `2023 - 2026 (Pursuing)`

Foundational degree focusing on core Computer Applications, Database Management, and Systems Analysis—essential skills for a techno-legal specialist building compliance tools.

Professional Certifications

Data Science & AI Certification - Learnbay & IBM (Credential ID: 973125b) | *Module Completed: Python* | ***Pursuing: IBM Capstone (GenAI & DS)***

HIPAA Training Certification - HIPAA TRAINING.US (ID: HIPAA-0022256) | *Ensures Python-based PII masking logic adheres to technical safeguards.*

DPDP Act v1.1 Certification - Adv. Prashant Mali (AI Governance, Legal Law)

Continuous Learning (In Progress)

Generative AI Developer - IIT Guwahati (GenAI, ML, AI Ethics)

Medical Law Certification - IIT Kharagpur (Bioethics & Reg. Compliance)

Healthcare Data Quality & Governance - Coursera (UC Davis)

Validated & Generated: