

Nisar Ahmed

AGENTIC HEALTH-TECH ARCHITECT | SOLUTIONS ORCHESTRATOR

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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 Omnilngest: 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) | Omnilngest 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 Omnilngest 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

- **Omnilngest 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)

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