

Nisar Ahmed

AGENTIC HEALTH-TECH ARCHITECT | SOLUTIONS ORCHESTRATOR

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Bangalore, India

TECHNICAL EXPERTISE

Core Stack

Agentic AI (Cursor/Composer), 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

PROFESSIONAL SUMMARY

Health-Tech Solutions Architect specialized in **Agentic AI** with 10+ years of clinical domain experience. I bridge the gap between complex hospital operations and production-grade code. Having spent a decade in the "trenches" of healthcare, I now orchestrate agentic workflows that turn clinical logic into **DPDP-compliant** and **ABDM-ready** systems.

HERO ROLE: PRODUCTION-GRADE ORCHESTRATION

Senior Agentic Solutions Architect

| Omnilngest Systems

Nov 2025 - Present

"I am building the production-grade systems I spent 10 years designing 'mentally' in the field."

- Agentic Orchestrator:** Utilizing "Vibe Coding" to translate 10+ years of clinical wisdom into robust healthcare microservices.
- Cryptographic Compliance:** Engineered a "Kill Switch" for DPDP Act 2023 (Rule 8.3) using cryptographic shredding.
- FHIR R5 Remediation:** Built a Rust-accelerated ingestion layer to normalize legacy hospital data into FHIR standards.

CAREER EVOLUTION (2012–2025)

Clinical Domain Expert & Systems Orchestrator

| R K Nursing Home

May 2012 - Oct 2025

Certified Operations Manager

Certified Data Analyst

- Systems Orchestration:** (Operations Manager) Managed end-to-end hospital logistics, optimizing resource allocation and patient flow for over 8 years. Developed the manual operational frameworks that now serve as the logic for my AI agents.
- Compliance & Data Logic:** (Data Analyst) Standardized legacy patient records and audited clinical data for regulatory compliance. Identified the critical "Ingestion Failures" in rural hospitals that block national interoperability (ABDM).
- Strategic Rural Exposure:** Spent 5 years specifically studying the "ground truth" of unstructured medical data in resource-constrained environments to build resilient tech.

STRATEGIC CAREER MILESTONES

Operations Manager

| K Arogya Advisory Services

Dec 2018 - Aug 2020

- Multi-Center Implementation:** Led data-driven clinical workflow deployments across major institutions (KG Hospital, Ramaiah, SRM, etc.).

Customer Care Executive

| Cloudnine Group of Hospitals

Nov 2015 - Nov 2016

- **Patient Relations:** Managed critical healthcare communication, gaining deep insights into patient-side friction points.

ENGINEERING PORTFOLIO

- **Omnilingual Identity (GitHub):** Full-stack repository demonstrating the "Safety Rails" architecture and agent-orchestrated remediation engine.
- **The "5-Year Code" Initiative:** Sustained technical growth through daily architectural reviews and code commits.

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)