KRISHNA KUMAR K. NAICKER

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Full Stack AI Engineer

krishnanaicker.dev | Pune, India

PROFESSIONAL EXPERIENCE

Omnineura AI Technologies | Full Stack AI Engineer   Nov 2025 – Present
Bengaluru, India (Remote)

- Architecting enterprise AI solutions by integrating LLMs with high-availability full-stack architectures.
- Designing autonomous AI agents with LangGraph and CrewAI to automate complex multi-step healthcare workflows.

TECHNICAL SKILLS

- **Languages:** Python, C++, JavaScript, SQL
- **AI & Machine Learning:** PyTorch, TensorFlow, LangChain, LangGraph, CrewAI, LoRA, BERT
- **Full-Stack Development:** FastAPI, Node.js, React.js, Streamlit, HTML5/CSS3, RESTful APIs, WebSockets
- **Infrastructure & Data:** Docker, Git, MongoDB, PostgreSQL, Vector Databases (Pinecone)

FEATURED PROJECTS

CareFlow & HealBERT – Advanced Agentic AI Systems | 2025

- **CareFlow:** Developed a multi-agent system for healthcare workflows using **LangGraph** for autonomous task orchestration.
- **HealBERT:** Engineered a self-healing emotion classifier with sarcasm detection and **LoRA** fine-tuning.
- **Repository:** CareFlow GitHub | HealBERT GitHub

Rapidoc – Intelligent RAG 2.0 Infrastructure | Aug 2025

- Engineered an advanced retrieval-augmented generation pipeline for dynamic information extraction from medical records.
- Optimized system latency using **FastAPI** and vector embeddings for real-time document intelligence.
- **Live Demo:** krishnanaicker.github.io/Rapidoc

HealthEase – AI Healthcare Platform | Apr 2025

- Built a comprehensive healthcare platform integrating AI research summarization and symptom analysis.
- Implemented a LangChain-powered RAG pipeline with a MongoDB backend for persistent patient history tracking.
- **Live Demo:** healthease.streamlit.app

EDUCATION

P.E.S Modern College of Engineering (SPPU)   **Pune, India**
Bachelor of Engineering, Artificial Intelligence and Data Science   Aug 2023 – Jun 2027

- **Current CGPA:** 9.29 (Sem 1–4)

HONORS & LEADERSHIP

- **National Rank 236:** HackRx 6.0 (Bajaj Finserv) out of 1000+ competing teams nationwide.
- **Rank 25:** Ranked 25th in SIH Internal Hackathon 2025 (Prostart) as Team Lead.
- **Rank 23:** GeeksVishwa technical symposium hosted by VIIT.