KRISHNA KUMAR K. NAICKER

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Full Stack AI Engineer

krishnanaicker.dev | Pune, India

PROFESSIONAL SUMMARY

Full Stack AI Engineer with hands-on experience building production-grade systems and deploying AI powered applications. Focused on RAG pipelines, agentic workflows, and scalable full-stack architectures.

PROFESSIONAL EXPERIENCE

AllCognix AI | Full Stack Engineer   Jan 2026 – Present

Product-lead • Core platform: Agent Studio

- Leading development of Agent Studio, a core platform product for building and orchestrating AI agents.
- Driving product decisions and end-to-end implementation across agent workflows, backend services, and integrations.

Omnineura AI Technologies | Gen AI Full Stack Engineer   Nov 2025 – Jan 2026

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, TypeScript, SQL
- **AI & Machine Learning:** PyTorch, TensorFlow, LangChain, LangGraph, CrewAI, LoRA, BERT, RAG
- **Full-Stack Development:** FastAPI, Node.js, React.js, Next.js, Streamlit, HTML5/CSS3, Tailwind, Vite, Zustand, REST APIs, WebSockets
- **Databases & Caching:** MongoDB, PostgreSQL, MySQL, Redis, Vector DBs (Pinecone)
- **Workflow & Orchestration:** Celery, Taskiq, Haystack, DBOS, Composio
- **Infrastructure:** Docker, Git

FEATURED PROJECTS

CareFlow & HealBERT – Advanced Agentic AI Systems | 2025

- **CareFlow:** Built a multi-agent healthcare workflow system using **LangGraph** for autonomous orchestration.
- **HealBERT:** Developed a self-healing emotion classifier with sarcasm detection and **LoRA** fine-tuning.
- **Links:** [CareFlow GitHub](#) | [HealBERT GitHub](#)

Rapidoc – Intelligent RAG 2.0 Infrastructure | Aug 2025

- Built a low-latency RAG system for structured information extraction using FastAPI and vector embeddings.
- **Live Demo:** krishnanaicker.github.io/Rapidoc | **GitHub:** github.com/KrishnaNaicker/Rapidoc

HealthEase – AI Healthcare Platform | Apr 2025

- Developed an AI-driven healthcare platform integrating research summarization, symptom analysis, and RAG pipelines.
- **Live Demo:** healthease.streamlit.app | **GitHub:** github.com/KrishnaNaicker/HealthEase

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:** 9.31 (Sem 1–5)

HONORS & LEADERSHIP

- **National Rank 236:** HackRx 6.0 (Bajaj Finserv).
- **Rank 25:** SIH Internal Hackathon 2025 (Prostart), Team Lead.
- **Rank 23:** GeeksVishwa technical symposium (VIIT).