

Rahul Hongekar

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Profile

Aspiring **AI and ML Engineer**, currently pursuing B.E at BMS College of Engineering, passionate about leveraging AI for innovative solutions and societal advancement. I'm committed to honing my skills and knowledge in this dynamic field. With a curious mind and a collaborative spirit, I aim to leverage AI for societal advancement and contribute meaningfully to innovative solutions.

Education

BMS College of Engineering, Bangaluru, B.E in Artificial Intelligence and Machine Learning Oct 2023 – Nov 2027

- **GPA:** 9.2 (current)
- **Coursework:** Advanced Machine Learning and Artificial Intelligence, Business Analytics, Deep Learning, Database Management Systems, Data Structures, Operating Systems, Logic Design and Computer Architecture, Web Development, Computer Networks, Natural Language Processing, Neural Networks

RL PU college of Science, Belgaum, Pre University May 2021 – July 2023

- **Percentage:** 94
- **Coursework:** subjects such as Physics, Chemistry, Mathematics and Computer Science aims to cultivate critical thinking, problem-solving skills, and a strong understanding of fundamental concepts, thereby preparing students for diverse academic and professional pathways in higher education.

Experience

GenAI Developer Intern, HiDevs – India Nov 2024 – Feb 2025

- Applied expertise in AI-driven projects, including Retrieval-Augmented Generation and AI agents, to optimize workflows and significantly enhance model performance.
- Engineered and deployed an AI Agent leveraging frameworks such as CrewAI, PhiData, and LangGraph to autonomously scrape Reddit data, identify emerging GenAI trends, and manage content automation for the company's Reddit presence.
- Developed and implemented a Retrieval-Augmented Generation (RAG) model, integrated into the company website, to provide users with accurate and contextually relevant answers based on GenAI knowledge base.
- Contributed to the enhancement of an AI interviewer model through strategic model improvements.
- The creation of a prompt engineering platform designed to evaluate and improve user prompting skills.

Projects

Bangalore House Price Prediction Model

- Developed a predictive model for Bangalore house prices leveraging data analysis and Machine Learning techniques to provide valuable insights into the local real estate market.
- Tools Used: Data Analytics, Machine Learning, Scikit-learn

Violet AI -AI assistant chatbot

- Engineered and deployed an AI-powered chatbot, "Violet AI," designed to provide users with intelligent assistance and streamline information access related to Development.
- Tools Used: RAG, LLM, Langchain

AI Driven Smart Inventory Management System

- Designed and implemented an AI-powered Smart Inventory Management Mobile Application specifically tailored to optimize stock control and reduce inefficiencies for small-scale grocery stores.

- Tools Used: LLM, AI Agent, Firebase,

Technical Skills

Languages: C++, C, Java, OOP, SQL, Machine learning, Python, Data Analytics, GenAI.

Technologies: FireBase Studio, PhiData, Langchain, SQLite3, Scikit learn

Co-Curricular

- Recognized as a Semi-finalist in Eureka, a highly competitive startup competition hosted by IIT Bombay, showcasing a promising early-stage venture.
- Serving as a Tech Member within Gradient, the Artificial Intelligence and Machine Learning club of BMS College of Engineering, contributing to technical initiatives and the advancement of AI/ML knowledge within the student community.
- Actively involved in the Rotaract Club, a community-based initiative focused on social work and making a positive impact.