

Pandharinath Maske

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Education

T.Y B.Tech in Computer Science (AI), VIIT Pune

CGPA: 7.56

Graduation: 2027

Projects

AI-Powered Coffee Shop Chatbot [\[GitHub\]](#) [\[Live Demo\]](#)

June 2025 – Present

- Built a modular multi-agent chatbot using LangGraph to handle coffee shop tasks like orders, updates, and general queries.
- Created custom tools for menu retrieval, order management, and user interaction, integrated into agent workflows.
- Implemented long-term (user profile) and short-term (session summary) memory using Supabase and Pinecone.
- Used Agentic RAG with BGE embeddings for contextual grounding and semantic search.

Tech Stack: Python, FastAPI, LangGraph, LangChain, Pinecone, Supabase, Hugging Face, Groq (LLaMA3), BGE Embeddings

LLM-Based Book Recommender [\[GitHub\]](#)

May 2025

- Developed an intelligent book recommendation system leveraging SentenceTransformer embeddings and ChromaDB for semantic search.
- Designed a query pipeline to match user prompts with relevant books based on vector similarity using cosine distance.
- Built a lightweight and interactive front-end using Gradio for real-time user interaction and results display.

Tech Stack: Python, LangChain, SentenceTransformers, ChromaDB, Hugging Face, Gradio

Skills

Languages: Python, C, C++

Frameworks: TensorFlow, PyTorch, FastAPI, LangChain, LangGraph, Hugging Face

Libraries & Tools: Scikit-learn, Pandas, NumPy, Matplotlib, MLflow, Docker, Git

Databases: MySQL, MongoDB, Supabase

Vector DBs: Pinecone, ChromaDB, FAISS

Deployment: Render

Soft Skills: Problem-Solving, Research, Adaptability, Communication

Certifications

- Machine Learning Specialization – Andrew Ng (Coursera) [Certificate Link](#)
- Deep Learning Specialization – Andrew Ng (Coursera) [Certificate Link](#)
- AI Agent Fundamentals – Hugging Face [Certificate Link](#)
- Introduction to LangGraph – LangChain Academy [Certificate Link](#)
- Fundamentals of MCP – Hugging Face [Certificate Link](#)