

NITHIN SHETTY M

Email: nithinshettym2@gmail.com | Phone: +91 77601 52732

[Linkedin](#) | [Github](#) | [Portfolio](#)

Location: Perne, Dakshina Kannada, Karnataka, 574325

EXECUTIVE SUMMARY

Artificial Intelligence and Machine Learning graduate with hands-on experience developing production-ready AI, Generative AI, and full-stack applications. Skilled in LLMs, Retrieval-Augmented Generation (RAG), LangChain, LangGraph, FastAPI, Flutter, and Computer Vision. Experienced in building scalable AI solutions from concept to deployment through academic, client, and internship projects.

EDUCATION

B.E. Artificial Intelligence & Machine Learning

Vivekananda College of Engineering and Technology, Puttur

Graduation: 2026 | **CGPA: 8.76 / 10.00**

INTERNSHIP EXPERIENCE

AI / Data Science Intern

Take It Smart (OPC) Pvt. Ltd., Bengaluru

Feb 2026 – May 2026

- Developed a Computer Vision-based Smart Attendance System using OpenCV, FaceNet, MTCNN and SQLite.
- Built a Streamlit dashboard for attendance analytics and reporting.

PROJECTS

Anjanam Production E - commerce Platform [🔗](#)

Nov 2025 – Present

- Developed and deployed a production-ready Flutter e-commerce application for **Anjanam**, available on Google Play Store and anjanam.store.
- Tech Stack:** Flutter, Dart, Supabase, PostgreSQL, Firebase, Razorpay, Shiprocket, GitHub Actions.

AI Business Intelligence Copilot [🔗](#)

Jan 2025 – Apr 2026

- Built a conversational AI platform that transforms CSV, Excel, and PDF data into dashboards, insights, and visualizations.
- Tech Stack:** Python, FastAPI, Streamlit, LangGraph, FAISS, Plotly, Pandas, Groq API, RAG.

AIRA – Smart AI Teacher [🔗](#)

Mar 2025 – Nov 2025

- Built RAG & LLM based intelligent teaching assistant capable of delivering interactive, multimodal lessons with real-time Q&A and interruption-resume capability.
- Enhanced **response time by ~35%** and answer relevance by integrating FAISS vector search.
- Tools:** LangChain, LangGraph, LLM, Sentence-Transformers, FAISS, FastAPI, gTTS.

Autonomous Wheelchair using Deep Learning [🔗](#)

Jul 2024 – Dec 2024

- Developed CNN-based Deep Learning model for real-time direction control of wheelchair prototype.
- Achieved **96% navigation accuracy** across multiple test runs.
- Tools:** Python, OpenCV, Arduino, NodeMCU

SKILLS

- Languages:** Python
- AI/ML:** TensorFlow, scikit-learn, OpenCV, NLP, Generative AI, LangChain, LangGraph, FAISS, LLM, RAG, Sentence-Transformers, Prompt Engineering
- Framework & Tools:** FastAPI, Streamlit, Git
- Core Concepts:** Model Training, Data Preprocessing, Evaluation Metrics, Debugging, Agent Building

CERTIFICATIONS

- Udemy: AI & LLM Engineering Mastery GenAI, RAG Complete Guide [🔗](#)
- IBM: Artificial Intelligence Fundamentals [🔗](#)