

TECHNICAL SKILLS

Programming	Python, SQL
Frameworks	FastAPI, LangChain, LangGraph, Streamlit, Flask
AI/ML	Machine Learning, Deep Learning, NLP, LLMs, RAG, Prompt Engineering, Embeddings, Vector Search
Libraries	TensorFlow, Keras, Scikit-learn, Pandas, NumPy, OpenCV, Hugging Face Transformers
Databases	ChromaDB, SQLite
Tools	Docker, Git, GitHub, Linux, Postman, Power BI, Groq API

EXPERIENCE

AI Engineer Intern

- CodeSpyder Technologies Pvt. Ltd., Pune
- Jul 2025 – Jan 2026
- Developed and deployed Machine Learning, Deep Learning, and NLP solutions using Python, Scikit-learn, TensorFlow, Pandas, and SQL.
 - Built AI-powered applications by implementing data preprocessing, feature engineering, model training, evaluation, and inference pipelines.
 - Implemented Retrieval-Augmented Generation (RAG) pipelines, including document processing, embedding generation, vector database integration, and semantic retrieval using Large Language Models (LLMs).
 - Developed and tested RESTful APIs for AI/ML model inference, integrated models into backend applications, and collaborated using Git for version control.

PROJECTS

Enterprise Knowledge Intelligence Platform

- FastAPI • LangChain • LangGraph • Agentic AI • RAG • ChromaDB • Groq LLM • Docker • Streamlit
- Built an Agentic AI knowledge assistant using LangChain, LangGraph, FastAPI, and Groq LLM for enterprise document question answering.
 - Developed a RAG pipeline with PDF parsing, document chunking, Hugging Face embeddings, ChromaDB, and semantic search.
 - Designed an LLM-powered intent classifier in LangGraph to route requests to Knowledge Search, General Chat, or Tool Execution workflows.
 - Integrated LangChain tools, including the Gmail API for AI-driven email generation and automated sending.
 - Developed FastAPI REST APIs, a Streamlit frontend, and containerized the application using Docker and Docker Compose.

Multi-Agent Research Assistant (MARA)

- FastAPI • LangGraph • LangChain • Groq LLM • Tavily Search • Streamlit
- Built a multi-agent AI research platform using LangGraph and LangChain to automate web research, fact verification, summarization, and report generation.
 - Designed a stateful LangGraph workflow with specialized LLM agents for research, fact checking, summarization, and report generation.
 - Integrated Tavily Search for real-time web retrieval and Groq LLM for citation-aware summaries and structured research reports.
 - Developed FastAPI REST APIs and a Streamlit frontend for interactive research queries and report generation.

AI Fitness Monitor

- Python • FastAPI • Flutter • MediaPipe • OpenCV • Scikit-learn • Firebase
- Group Project (4 Members)
- Built a real-time AI fitness monitoring application in a team of four using FastAPI, Flutter, MediaPipe, and OpenCV.
 - Developed the Machine Learning pipeline for pose landmark extraction, squat posture classification, and real-time exercise analysis.
 - Integrated the FastAPI ML backend with Flutter via REST APIs for real-time posture prediction and feedback.

EDUCATION

Bachelor of Engineering (Information Technology)

- Savitribai Phule Pune University
- 2022 – 2026
- CGPA: 8.26

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- IBM Python for Data Science, AI & Development (Coursera)
- Introduction to Data Science – Infosys Springboard
- IBM SkillsBuild – Getting Started with Artificial Intelligence