

SHARDUL MORE

AIML ENGINEERING ASPIRANT

CONTACT

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Sangli, Maharashtra. 416 416

SKILLS

Machine Learning & AI:

Supervised & Unsupervised Learning, Neural Networks (MLP, CNN), Large Language Models (LLMs), NLP (Tokenization, Embeddings, Text Summarization), Retrieval-Augmented Generation (RAG), Computer Vision (OpenCV, YOLO).

Mathematics & Foundations:

Probability & Statistics, Linear Algebra (Matrix Operations), Calculus (Gradient Descent, Optimization), Basic Information Theory.

Programming & Tools:

Python (NumPy, Pandas, SciPy, Matplotlib), PyTorch, TensorFlow, Hugging Face, LangChain, OpenCV, SQL, Algorithm Design.

EDUCATION

Rajarambapu Institute of Technology, Sakharale.
Sangli.

B. TECH CSE [AIML]

2023 – 2027(estimated)

PROFILE

Computer Science (AI/ML) student passionate about AI research and innovation. Skilled in **NLP, Deep Learning, LLMs, RAG, Computer Vision, and Generative AI**. Experienced in **AI-driven education tools, Q&A chatbots, and real-time NLP**. Strong mathematical foundation with expertise in **Python, PyTorch, TensorFlow, and Hugging Face**. My research interests lie in **LLMs, NLP, RAG, Generative AI, and time series forecasting**, focusing on bridging theoretical AI concepts with real-world applications.

EXPERIENCE

AI/ML Virtual Internship

01/2025-03/2025

AWS AI & ML, EduSkills Cohort 12

- Worked on hands-on projects in AI/ML using AWS tools and frameworks.
- Gained experience in model training, deployment, and evaluation with industry-standard cloud-based ML solutions.

AIML Member

Google Developer Groups

2024 - Present

- Engaged in AI/ML-focused discussions, workshops, and hands-on coding sessions.
- Collaborated with peers on machine learning projects and research discussions.
- Attended and contributed to GDG-hosted hackathons and AI/ML events.

PROJECTS

1. **RAG-Based Document Q&A Chatbot** – Built a chatbot that interacts with PDFs using **LangChain & Gemini API**. Focused on **semantic search & knowledge retrieval** for real-time, context-aware responses.
2. **AI-Powered Moodle-Like Study Assistant** – Developed an AI-driven platform to process **PDFs, text files, images, and PPTs**. Integrated **extractive & abstractive summarization** and **MCQ generation** using NLP & LLMs to enhance student learning.
3. **Real-Time Hand Gesture Recognition** – Created a gesture recognition system using **CNN-based models (YOLOv5)**. Achieved **high accuracy & real-time performance** for gesture classification in various applications.
4. **AQI Prediction Using Prophet Model** – Developed a time series forecasting model using **Facebook's Prophet** to predict **Air Quality Index (AQI)**. Analyzed historical trends to generate accurate future **AQI predictions**.