MOHD MOHTASHAM ALI

AI ENGINEER | ML ENGINEER

⊙ Hyderabad ✉ mohdmohtashamali@gmail.com ☎ 7097224700

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

Education

Lords institute of engineering and technology   Year :2023-2027

Bachelor of Engineering : CSE with specialization in Artificial Intelligence & Machine Learning
SGPA:8.3

Skills

Programming languages: Python ,Java
ML/AI Frameworks: TensorFlow , Keras ,Scikit-learn ,Hugging Face Transformers
Specialization Areas: ML Model Development & Deployment ,LLM Model ,Retrieval-Augmented Generation
Tools & Technologies: GIT ,Jupyter Notebooks , OpenCV ,Gradio
Databases : MySQL

Projects

AI agent assistant

- Built an intelligent AI assistant that responds to voice commands and camera inputs using cutting-edge frameworks like LangChain, Claude, and Groq for real-time multimodal interactions.
- Created user-friendly interface with Gradio frontend and Google Text-to-Speech integration, enabling natural conversations between users and AI through voice, text, and visual inputs.
- Designed secure, scalable system with protected APIs and enterprise-ready architecture for commercial deployment and production use.
- 🔗[Link](#)

Dr RAG

- Developed an AI-powered medical assistant using Groq-hosted LLMs that analyzes patient voice recordings and medical images to provide accurate diagnostic insights and healthcare recommendations.
- Built intuitive healthcare interface enabling realistic medical consultations through multimodal AI, showcasing practical applications of LLMs in clinical diagnostics and patient care scenarios.
- Demonstrated healthcare AI innovation by creating production-ready virtual doctor system that bridges the gap between artificial intelligence and medical practice for enhanced patient support.
- 🔗 [Link](#)

Hand Gesture Cursor Control

- Engineered touchless computer interface using MediaPipe computer vision to enable precise cursor control through hand gestures captured via webcam.
- Created accessibility-focused solution that empowers users with mobility impairments while providing hygienic, contact-free interaction for healthcare, public kiosks, and sterile environments.
- Demonstrated real-world impact through AI innovation by building practical assistive technology that combines computer vision expertise with social responsibility and inclusive design principles.
- 🔗[Link](#)

Certificate

Python Developer – SoloLearn | 🔗[Link](#)
Generative AI – Microsoft and LinkedIn | 🔗[Link](#)

Additional Information

- Languages: English (Professional), Hindi (Native), Urdu (Fluent)
- Soft Skills: Problem-Solving, Communication, Leadership ,Teamwork
- Interests: Artificial Intelligence, Open-Source Projects, Hackathons