Mohd Mohtasham Ali

AI Engineer | ML Engineer

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Portfolio : https://mohtashamali.github.io/Mohtasham-ali-Portfolio/

SUMMARY

AI/ML Engineer with strong expertise in developing RAG systems, AI Agents, and LLM-based applications. Experienced in working with advanced language models like GPT and LLaMA for real-world problem solving. Skilled in Python, machine learningto deliver scalable AI solutions. building intelligent automation systems and deploying impactful AI innovations.

Professional experience

1.Ai Agent

- Developed a voice- and vision-enabled AI Agent Assistant using LangChain, Groq, Claude, and LangGraph, capable of real-time interaction through microphone and camera inputs.
- Integrated multimodal capabilities using Gradio for the frontend, and Google Text-to-Speech (gTTS) for dynamic audio output, enabling natural user engagement.
- Engineered a secure and modular architecture, ensuring API key protection and scalable deployment for general-purpose question answering.
- Link : https://github.com/mohtashamali/Ai-Agent

2.Dr LLM

- Developed a multimodal virtual doctor assistant using Groq-hosted LLMs, capable of processing voice and image inputs to deliver medically relevant responses.
- Built an intuitive web interface for healthcare simulations, demonstrating the practical use of LLMs in medical diagnostics and AI-driven patient support.
- Link:https://github.com/mohtashamali/DR-LLM

3.Hand mouse controller

- Utilizes a webcam and libraries like MediaPipe to detect and track hand landmarks, focusing on fingertip positions to determine cursor movement.
- Provides a touchless interface enhancing accessibility for individuals with mobility impairments and offering hygienic solutions in environments where physical contact is minimized.
- Link:- https://github.com/mohtashamali/Cursor-by-hands

Skills

- Programming language : Python , Java ,and SQL.
- Technical Expertise : Artificial intelligence ,Machine Learning , NLP and LLM
- Frame work : Tenser flow,keras and etc.

Education

Bachelor of Engineering

- Lords Institute of Engineering and Technology
- S.CGPA : 8.3

Intermediate

- Sri Chaitanya Junior colle
- S.CGPA : 8.3

Connect with me

- Linkdin :https://www.linkedin.com/in/mohd-mohtasham-ali-167156287/
- Github :https://github.com/mohtashamali
- Twitter: https://x.com/Md_MohtAsham006