

MALA HARISH.A

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SUMMARY

Enthusiastic and highly motivated recent graduate with a strong foundation in machine learning and artificial intelligence. Eager to apply theoretical knowledge in real-world projects and leverage my skills in Python, deep learning, and data analysis to contribute effectively as an AI/ML Engineer.

SKILLS

- **Programming Languages:** Python
 - **Operating System:** Windows
 - **Frameworks:** PyTorch, Langchain
 - **Soft Skills:** Time Management, Teamwork, Critical Thinking
 - **Other Tools/Technologies:** GitHub, VS Code, AWS, API, LLMs, Docker
 - **Technical Skills:** RAG, fine-tuning, NLP, Machine Learning, AI Agents
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PROJECTS

- **Medchat: A Conversational AI for Medical Information Retrieval using OpenAI**
 - Designed a conversational AI system leveraging OpenAI's models and LangChain, achieving a 90% accuracy rate in medical query responses.
 - Built a Flask-based interface, improving user engagement by 25%.
 - **TripCraft: A Multiagent AI travel planning system using OpenAI Agent SDK**
 - Developed a comprehensive AI travel planning system using OpenAI Agent SDK and multi-agent architecture with Python, integrating flight booking, hotel recommendations, itinerary planning, and language translation services through coordinated AI agents.
 - Built an interactive Streamlit web application with async processing and modern UI design
 - **Multiagent Customer Service Bot**
 - Developed a multi-agent chatbot using Langflow and OpenAI, enabling efficient query handling and personalized responses through advanced retrieval-augmented generation (RAG) techniques.
 - Integrated Astra DB for scalable data management, ensuring rapid access to customer information and improving response times.
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EDUCATION

Sathyabama Institute Of Science And Technology, Chennai
Bachelor of Engineering - Computer Science & Engineering

CERTIFICATIONS

- Python Programming Certification by Perfect eLearning
 - Machine Learning Certification by Cognibot
 - Cyber Security Certification by TG Cyberlabs
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ACHIEVEMENTS

- Conducted workshops on basics of Python programming to 80+ students and received positive feedback
- Secured first place in the Science Olympiad exam