Adarsh Bhusanur

LinkedIn : adarsh-bhusanur   Email : adarshbhusanur123@gmail.com

Github :github.com/1DS22AIOO3adarsh   Mobile: +916360605441

Objective

AI/ML undergraduate with a solid foundation in algorithms, data analysis, and model development, aiming to apply practical skills in real-world projects and contribute to impactful, intelligent systems.

EDUCATION

Tungal PU science college	**86.16%**
PCMB	2020-2022
Dayananda Sagar College Of Engineering	**CGPA: 9.05**
Bachelor of Engineering - Artificial intelligence and machine learning	*2022 - 2026*

TECHNICAL SKILLS

Languages: Python, java ,c,

Technologies/Frameworks: Scikit-learn, tensorflow, keras ,numpy, pandas

Tools: Git, VScode, jupyeter-notebook, Pycharm, Unity, Docker, Mlflow

Work experience

Teachnook	01/02/2023 - 31/03/2023

- Position: UI/UX Designing Intern — Certificate
- Completed a UI/UX Designing Internship at Teachnook from February 2023 to March 2023. This internship focused on developing UI/UX skills, and I applied these skills to design a Sci-Fi ticket booking application using Figma.

Nuevera Infotech ltd	31/07/2024 - 01/10/2023

- Position: Web Developer/AI engineer — Certificate
- Developed an interactive frontend design with scalable backend for Airbnb's support chatbot, designing API endpoints for seamless communication and real-time message handling. Implemented session management, authentication, error handling, and database optimization to enhance reliability and performance. Ensured fast message retrieval while maintaining Airbnb's branding and compliance. Delivered the project through agile teamwork and high-quality backend standards.

PROJECTS

AI Health Mate | *VScode,jupyter notebook,LLM-fine-tuning*   *github*

- Developed an AI chatbot that provides context-aware medical responses using Google Gemini AI.
- Implemented **Retrieval-Augmented Generation** (RAG) with **Pinecone Vector db** for accurate medical document search.
- Built an interactive **Streamlit** UI to enable natural, conversational query handling.
- Enabled follow-up question support by maintaining chat context.

Sentiment Analysis XGBoost*, Streamlit, VScode,mlflow,docker*   *github*

- Developed and deployed a sentiment analysis system (78% accuracy) using logistic regression and TF-IDF, with **FastAPI** for API inference and Streamlit as the UI.
- Tracked experiments and hyperparameters with **MLflow**, improving model reproducibility and enabling informed performance comparisons.
- Containerized the FastAPI service with **Docker** and pushed the image to Docker Hub, enabling seamless deployment and integration.

Certificates

- **Google Cloud Engineer** - career launch program   Certificate
- **ServiceNow System Administrator**   Certificate
- **ServiceNow Certified Application Developer**   Certificate