MAMILLAPALLI UDAY KUMAR

✉ udayuk1928@gmail.com 📞 9030280599 📍 Hyderabad in Linkedin ○ GitHub

DESCRIPTION

Highly motivated and detail-oriented AI/ML enthusiast with practical experience in developing intelligent systems, implementing NLP techniques, and deploying scalable machine learning models. Passionate about leveraging data- driven approaches to solve real-world problems. Eager to contribute analytical and technical expertise to an innovative team while continuously learning and advancing in the field of artificial intelligence.

EDUCATION

Bachelor of Technology in CSE-AIML (CGPA-8.95)   2022 – Present
MLR Institute of Technology

Board of Intermediate Education Andhra Pradesh (percentage-96.5)   2020 – 2022
RNR Junior College

Board of Secondary Education Andhra Pradesh (CGPA-10)   2019 – 2020
De Mont Fort English Medium High School

SKILLS

Programming Languages: Java, Python, C, HTML, CSS, JavaScript, React, MySQL

Soft Skills: Communication, Problem Solving, Time Management,Teamwork

Languages Known: Telugu, English,Hindi

AWARDS

Hackathon Runner-Up   01/12/2023
ZENITH'24 Hackathon, MLR Institute of Technology
  – Developed an ML-powered IIT Seat Predictor.

PROJECTS

JobMatch AI: RAG + LLM Powered Resume Scorer
Technologies Used: Python, Flask, NLP (TF-IDF, Cosine Similarity), OpenAI API
- Built a web app that ranks resumes against job descriptions using NLP techniques
- Provides personalized feedback and improvement suggestions with AI-powered RAG integration.

IIT Seat Allotment Predictor
Technologies Used: Python, Streamlit, Scikit-learn, Pandas, Plotly, Joblib
- Built an interactive ML-powered app to predict IIT seat allotments and recommend top colleges based on JEE rank.
- Utilized Random Forest, data filtering, and Plotly visualizations to deliver personalized insights by institute, year, program, and quota.

ARGICHAT BOT
Technologies Used: Python programming language, Telegram Bot API.
- Created a chatbot providing 2/7 agricultural assistance, addressing farming issues with features like guidance on practices, pest control, and market prices.
- Serves as a virtual assistant for users to access information on cultivation procedures and irrigation techniques.

CERTIFICATES

- Certified for Completion of AI Tools and ChatGPT Workshop by be10x
- Certified in "Machine Learning with Python" and "Python 101 for Data Science" courses by IBM Cognitive Class.
- Certified for Course Completion in "Python Essentials" and "Data Analytics" by Cisco
- Certified for Course Completion in "Data Structures and Algorithms in Java" by NPTEL
- Certified in Data Structures and Algorithms as a 'Smart Coder' by Smart Interviews.
- Certified for Completion of AI Tools and ChatGPT Workshop by be10x
- Certified for Participation in "AI for Students" program by NxtWave
- Certified for Course Completion in "AutoCad For Design and Drafting" by AUTODESK
- Completed Web Development Internship (HTML, CSS, JavaScript) at ApexPlanet Software Pvt. Ltd.