MAMILLAPALLI UDAY KUMAR

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🪪 DESCRIPTION

AI/ML enthusiast with hands-on experience in NLP, intelligent systems, and scalable ML models. Passionate about solving real-world problems through data-driven solutions and eager to grow with an innovative team.

🎓 EDUCATION

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

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

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

🧠 SKILLS

Technical Skills
- **Programming & Web Tech:** Python, Java, C, HTML, CSS, JavaScript, React
- **Frameworks:** Flask, Scikit-learn, Pandas, Streamlit, Plotly
- **Database:** MySQL

Soft Skills
- Strong Communication
- Analytical Problem Solving
- Time Management
- Team Collaboration

Languages Known
- English
- Telugu
- Hindi

🎖 AWARDS

Hackathon Runner-Up   01/11/2023
ZENITH'24 Hackathon, MLR Institute of Technology
- Developed an ML-powered IIT Seat AllotmentPredictor.

📁 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 24/7 agricultural assistance, addressing farming issues with features like guidance on practices, pest control, and market prices.

📄 CERTIFICATES

- Certified for Completion of "Generative AI and Large Language Models" Summer School by CBIT & IEEE Hyderabad
- Certified in "Machine Learning with Python" and "Python 101 for Data Science" courses by IBM Cognitive Class
- Certified for Course Completion in "Data Structures and Algorithms in Java" by NPTEL
- Certified for Participation in "AI for Students" program by NxtWave
- Certified for Completion of AI Tools and ChatGPT Workshop by be10x
- Certified for Course Completion in "Python Essentials" and "Data Analytics" by Cisco
- Certified in Data Structures and Algorithms as a 'Smart Coder' by Smart Interviews
- Completed Web Development Internship (HTML, CSS, JavaScript) at ApexPlanet Software Pvt. Ltd.