

Mamillapalli Uday Kumar

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SUMMARY

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

B.Tech in CSE-AIML - MLR Institute of Technology (2022 - Present)

CGPA: 8.95

Intermediate - RNR Junior College (2020 - 2022)

96.5%

SSC - De Mont Fort English Medium High School (2019 - 2020)

CGPA: 10

SKILLS

Technical: Python, Java, C, HTML, CSS, JavaScript, React, MySQL

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

Languages: Telugu, English, Hindi

PROJECTS

JobMatch AI: RAG + LLM Powered Resume Scorer

Technologies: 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: Python, Streamlit, Scikit-learn, Pandas, Plotly, Joblib

Built an interactive ML-powered app to predict IIT seat allotments and recommend top colleges. Utilized Random Forest and Plotly for personalized insights.

ARGICHAT BOT

Technologies: Python, Telegram Bot API

Created a chatbot for 24/7 agricultural assistance, offering guidance on practices, pest control, market prices, and irrigation techniques.

CERTIFICATIONS

- AI Tools and ChatGPT Workshop by be10x
- Machine Learning with Python and Python 101 for Data Science - IBM
- Python Essentials and Data Analytics - Cisco
- Data Structures and Algorithms in Java - NPTEL
- Smart Coder Certification - Smart Interviews
- AI for Students - NxtWave
- AutoCAD for Design and Drafting - Autodesk

- Web Development Internship (HTML, CSS, JS) - ApexPlanet Software Pvt. Ltd.

AWARDS

- Runner-Up - ZENITH'24 Hackathon, MLRIT (IIT Seat Predictor)