

J Upendra

upendrajamana06@gmail.com | 817991573
Machine Learning Engineer

EDUCATION

VISHNU INSTITUTE OF TECHNOLOGY

ARTIFICIAL INTELLIGENCE AND
MACHINE LEARNING

2026 | Bhimavaram, AP
CGPA: 8.4

AP MODEL COLLEGE

MPC INTERMEDIATE

2021-2022 | Bhamini, Srikakulam
Percentage: 78.1

AP MODEL SCHOOL

2020 | Bhamini, Srikakulam
Percentage: 97.33

SKILLS

PROGRAMMING LANGUAGES

Advanced - Python
Intermediate - Java

TOOLS

Git
GitHub
Jupyter Notebook

FRAMEWORKS

TensorFlow
PyTorch

Scikit-learn

TECHNOLOGIES

Machine Learning
Deep Learning

NLP

SQL

HTML

CSS

JavaScript

SOFT SKILLS

Problem Solving
Critical Thinking
Time Management

LANGUAGES KNOWN

Telugu

English

HOBIES AND INTERESTS

Playing Chess
Playing Cricket
Travelling

PROFILE

Data Science Enthusiast with hands-on experience in Python, Machine learning, and data analysis using pandas, NumPy, and scikit-learn. Proficient in building models that solve real-world business problems and leveraging data-driven insights for decision-making. Strong collaboration and problem-solving skills, committed to delivering high-quality, impactful results.

EXPERIENCE

Data Entry Specialist | ARAI Research Development

Utilized CVAT to label and categorize road data for machine learning projects
Collaborated with research teams to refine labeling guidelines and ensure data accuracy
Managed large datasets and performed quality checks to improve model performance

PROJECTS

SUMMARIZATION TOOL

Developed a multi-modal summarization tool to extract and summarize content from images, audio, text, and videos into text in various languages. - Integrated a prompt-based query system, allowing users to ask questions and receive relevant answers based on the generated summaries. - Enhanced content accessibility and user interaction through improved summarization features. - Technologies Used: BART, mBART, Whisper, FFmpeg, EasyOCR, Flask.

WEATHER API

WEATHER API Created a compact weather API delivering real-time location-based forecasts on air speed, humidity, and temperature, optimizing user experience with precise, tailored weather updates. TECHNOLOGY USED: HTML, CSS, JS, API'S

AWARDS ACHIEVEMENTS

Completed 250 problems on leetcode

Selected for NMMS Scholarship

Achieved award in district level Math competition

CERTIFICATIONS

AWS VIRTUAL INTERNSHIP (COHORT 9)

Participated in a comprehensive 10-week virtual internship focused on cloud computing and Amazon Web Services (AWS). Engaged in hands-on projects that involved deploying applications using AWS services, including EC2, S3, Lambda, and RDS.

CODEWAY INTERNSHIP

Developed models for SMS spam classification using TF-IDF with Naive Bayes and SVM, achieving high accuracy. Predicted customer churn through Logistic Regression, Random Forests, and Gradient Boosting on historical data. Created a movie genre prediction model based on plot summaries, utilizing TF-IDF, word embeddings, Naive Bayes, and Logistic Regression.

LINKS

LinkedIn:// Jamana Upendra

Leetcode:// Jamanaupendra7

Github:// upendrajamana