Uppara Vinod

Web Developer & Machine Learning Engineer

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Pattikonda, Kurnool, Andhra Pradesh

LinkedIn — GitHub — LeetCode

Professional Summary

AI & ML engineering student with strong skills in Python, machine learning, data preprocessing, computer vision, and backend development. Experienced in developing ML models, building scalable systems, and applying analytical thinking to solve complex problems. Passionate about AI technologies, automation, and efficient software design.

Education

B.Tech in CSE (AI & ML), Joy University — CGPA: **9.25**	2023–2027
Narayana Junior College, MPC — **96.1%**	2021–2023
Narayana School, SSC — **10/10 GPA**	2016–2021

Experience

Machine Learning Intern — Unified Mentor　　　　Aug–Sept 2025　Internship Certificate Link

- Built **Vehicle & Mobile Price Prediction Models** using ML algorithms.
- Developed a responsive **Flask web app** for real-time predictions.
- Performed preprocessing, feature engineering, and model evaluation.

Projects

Smart Music Player with Mood Detection (Java, OpenCV)

- Emotion detection via webcam using OpenCV + ML.
- Auto-adjusts playlist based on user mood.
- Java Swing UI with album art and playlist control.

NFA to DFA Conversion & DFA Minimization (TOC Project)

- Implemented NFA→DFA conversion and DFA minimization.
- Optimized automata using state partitioning.

Vehicle & Mobile Price Prediction (Python, Flask)

- Developed regression models and deployed using Flask.

Data Visualization Dashboard (Java)

- Dynamic bar, line, and pie charts from CSV files.

Technical Skills

Languages: Python, Java, C++, SQL
Machine Learning: Regression, Classification, Feature Engineering, Evaluation
Frameworks: Flask, NumPy, Pandas, OpenCV
Tools & IDEs: Git, GitHub, VS Code, PyCharm, IntelliJ IDEA, Eclipse
Operating Systems: Windows, macOS

Certifications

AWS Solutions Architecture Job Simulation – Forage Certificate Link

Technology Job Simulation – Forage (Vinod Uppara) Certificate Link

Data Analytics Job Simulation – Forage (Vinod Uppara) Certificate Link

Leadership & Activities

Vice Chairperson — ACM Student Chapter Led ML workshops, technical mentoring, and organized Ideathon events.

Soft Skills & Languages

Soft Skills: Leadership, Communication, Teamwork, Problem-Solving, Time Management
Languages: English, Telugu, Hindi
Hobbies: Reading, Music, Gaming, Travel