Ajay Katkuri

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PROFESSIONAL SUMMARY

Motivated Computer Science undergraduate (B.Tech, 2026) with a strong foundation in machine learning and web technologies. Skilled in Python, data preprocessing, and building ML models. Eager to apply knowledge in real-world applications through internships or entry-level roles in Data Science or Web Development.

EDUCATION

B.Tech in Computer Science Engineering
Marri Laxman Reddy Institute Of Technology And Management, Hyderabad
Expected Graduation: May 2026

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, HTML5, CSS3
- **Libraries/Tools:** pandas, NumPy, scikit-learn, Git, VS Code
- **Concepts:** Machine Learning, Data Preprocessing, Regression Models, Web Development (basic)

PROJECTS

Agricultural Crop Recommendation System

- Developed a supervised ML model to recommend crops based on soil parameters like pH, temperature, and humidity.
- Used Decision Tree and Random Forest algorithms to achieve 85% accuracy.
- Built using Python, pandas, and scikit-learn.

Salary Prediction System Using Machine Learning

- Built a regression model to predict salaries based on education and experience.
- Applied data cleaning, feature engineering, and model evaluation (RMSE).
- Tools used: Python, pandas, NumPy, scikit-learn.

CERTIFICATIONS

- **Machine Learning by Stanford University** – Coursera (in progress)

EXTRACURRICULAR ACTIVITIES

- Participated in Python and Data Science workshops.
- Engaged with college coding communities focused on ML and web development.

PROFESSIONAL INTERESTS

Machine Learning — Data Science — Web Development — Open Source — Agri-Tech