RAMYA NELAKURTI

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CAREER OBJECTIVE

To obtain a challenging position in a dynamic organization where I can utilize my skills in Artificial Intelligence, Data Science, and Programming to contribute to innovative solutions. I aim to enhance my technical expertise while supporting the company's growth. With hands-on experience in Machine Learning, Data Analytics, and Deep Learning projects, I am eager to apply my knowledge to real-world problems. I seek opportunities that promote continuous learning, teamwork, and professional development.

EDUCATION

- **Pace Institute Of Technology & Sciences, Ongole**   2021- 2025
  B .Tech (Artificial Intelligence & Data science)   CGPA: 7.99

PROJECTS

Uber Data Analysis using Machine Learning Python
- Uber Data Analysis is used in finding better cars detecting fake rides, fake cars ,fake ratings, estimating fares and driver ratings.
- Uber Data Analysis using Machine Learning explains the working of an Uber dataset , which contains data produced by Uber for New York City.
- Uber is defend as a P2P platform. The platform links you to drivers who can take you to your destination.
- Applied Machine Learning algorithms to detect fake rides, suspicious cars, and fraudulent ratings, improving dataset reliability.
- Developed fare prediction and driver rating models using Python libraries (Pandas, NumPy, Scikit-learn, Matplotlib).

Cotton Leaf Disease Detection using Convolutional Neural Networks
- Designed and implemented a Convolutional Neural Network (CNN) model to classify cotton leaves as healthy or diseased with high accuracy.
- Utilized Python libraries (Keras, NumPy, OpenCV, Matplotlib) for image preprocessing, model training, and performance evaluation.
- Conducted a literature survey on existing methods like SVM, Random Forest, and traditional image processing, and demonstrated CNN's superior accuracy.
- Proposed an IoT-based deployment using Arduino/Raspberry Pi with drone integration for real-time disease monitoring in agricultural fields.

INTERNSHIP

CodeTantra
- Gained hands-on experience in applying Python libraries (NumPy, Pandas, Matplotlib, Scikit-learn) for data preprocessing and analysis.
- Built and trained Machine Learning models for classification and regression problems, improving understanding of model performance metrics.
- Enhanced problem-solving and coding skills by working on real-time datasets and implementing supervised learning algorithms.

SKILLS

Technical Skills : C,JAVA, Python, HTML,DBMS with MYSQL.
Soft Skills   : Leadership skills ,Confidence ,self belief, Ability to handle stress and Pressure **.**

CERTIFICATIONS

- Introduction to Internet Of Things - NPTL
- Data Analytic Process Automation - AICTE
- C Programming - Code Tantra
- Artifcial Intelligence Primer certification ,Responsive Web Development- Infosys
- Android Developer Virtual Internship - Google for Developer