Joshna Palleboina,

E-mail:joshnaj568@gmail.com

D/O P.Ravinder
H No: 3-64,
Parkal(MND),
Hanamkonda (DST)
Telangana-506164

Mobile ( ):+91-9949033913

Career Objective

Seek in position as that will enhance my skills and offer security while aiding my professional growth and helping me contribute to the organization's growth.

Educational Qualifications

- **Bachelor of Technology (Computer Science and Engineering)**
  College: **Malla Reddy Engineering College For Women.**
  University: **JNTUH.**
  Aggregate: **8.3(CGPA) (1-7 SEM)**
  Year of Completion: **2021- 2025.**

- **Intermediate:**
  College: **Sri Shivani Junior College.**
  Board: **Telangana State Board of Intermediate Education**
  Percentage: **90.5%.**
  Year of Completion: **2020.**

- **SSC**
  School: **Saint Peter's High school.**
  Board: **Board of Secondary Education Telangana.**
  Percentage: **8.2 (CGPA)**
  Year of Completion: **2018.**

Professional Skill

- Programming Environment: **PYTHON, HTML, basics of JAVA and C.**
- Database Environment: **SQL.**

Personal Strengths

- Adaptability.
- Team Work.
- Positive thinking.

Extra/co-curricular activities

- Actively Participated in college activities.
- Good at grasping.

Mini Project:

- **Project Title :** Optimizing Food Demand Forecasting in Supply Chain For Shelf- Life Management
- **Operating System :** Windows
- **Programming Languages and Framework :** Python, TensorFlow

Modules:

- Dataset Handling Module
- Preprocessing Module
- Data Splitting Module
- Model Training Module
- Prediction Module

Project Description:

The accurate food demand forecasting is essential for managing perishable goods in supply chains. Traditional methods rely on manual approaches or static models, which are prone to errors and inefficiencies.This project introduces an advanced solution using the **NARXNN (Nonlinear Auto-Regressive Neural Network)** model. The system incorporates historical sales data, exogenous factors, and feedback connections to predict food demand with high precision. By using Python and TensorFlow for model development, the project achieves robust and scalable forecasting capabilities.

Key Features:

- Reduces food waste by aligning inventory with precise demand forecasts.
- Improves inventory management efficiency.
- Enhances sustainability and reduces operational costs.
- Supports better decision-making for production schedules and supply chain operations.

Responsibilities:

- Involved Here are three concise responsibilities:
- Developed machine learning models (NARXNN, LGBM Regressor) to forecast food demand accurately using Python and TensorFlow.
- Built a Tkinter-based GUI for dataset preprocessing, model training, and demand prediction with user-friendly visualization.
- Evaluated models with performance metrics (MSE, MAE, RMSE, R2) and automated prediction outputs into CSV files.

Personal Details

1. **D.O.B: 28/07/2002**.
2. **Father's Name:** Ravinder
3. **Mother's Name:** Swaroopa
4. **Hobbies:** Listening Music, Watching Technical based Podcasts.
5. **Languages Known:** English, Telugu.
6. **Nationality:** Indian**.**

Declaration

I hereby declare that details furnished above are true and correct to the best of my knowledge and belief.

Place: Hanamkonda. Signature
Date: Joshna Palleboina.