**DUTTATI NEELIMA** **✆+918106871237**

**DATA SCIENCE** Tirupathi

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<https://github.com/Neelimaduttati/Handsonsession.git>

**OBJECTIVE**

Dedicated B.Tech graduate (2025) with strong foundation in computer science and programming fundamentals. Seeking opportunities to apply my technical skills in a dynamic work environment where I can contribute to innovative projects and grow professionally. Committed to delivering high-quality solutions and continuously expanding my knowledge in emerging technologies.

**EDUCATION**

Bachelor Of Technology (B.Tech) in Electronics And Communication Engineering (ECE) Sri Padmavathi Mahila VisvaVidyalayam, Tirupati, Andhra Pradesh(2021-2025)

**SKILLS**

**Programming Languages:** Python, Java, C++, JavaScript  
**Web Technologies:** HTML5, CSS3, Bootstrap, jQuery  
**Databases:** MySQL, SQLite, MongoDB  
**Tools & Technologies:** Git, GitHub, VS Code, Eclipse  
**Soft Skills:** Problem Solving, Teamwork, Communication, Adaptability

**ROLES AND RESPONSIBILITIES**

* Implemented transformer-based translation models for multiple languages
* Developed Restful APIs for seamless integration with various platforms
* Created user-friendly mobile application for on-the-go translation
* Built web interface with real-time translation capabilities
* Implemented context preservation algorithms for better translation quality
* Conducted extensive testing across different language pairs and domains

**PROJECTS**

### 1. AI-Powered Language Translation System (Gen AI Project)

**Title:** Multi-Language Translation Assistant

**Description:**  
Developed an intelligent language translation system that supports multiple languages with context-aware translations. The system uses advanced neural machine translation models to provide accurate and natural-sounding translations. Implemented real-time translation capabilities for web applications and mobile devices, achieving 90% translation accuracy across 15+ languages while maintaining context and cultural nuances.

**Skills Used:** Python, Neural Machine Translation, TensorFlow, Flask, React Native, SQLite

**Roles and Responsibilities:**

* Implemented transformer-based translation models for multiple languages
* Developed Restful APIs for seamless integration with various platforms
* Created user-friendly mobile application for on-the-go translation
* Built web interface with real-time translation capabilities
* Implemented context preservation algorithms for better translation quality
* Conducted extensive testing across different language pairs and domains

### 2. Stock Price Prediction System (ML Project)

**Title:** Financial Market Analysis and Prediction Platform

**Description:**  
Built a machine learning system to predict stock prices and market trends using historical financial data. The project analyzes various market indicators, news sentiment, and technical indicators to forecast stock movements. Implemented ensemble learning techniques to achieve 78% accuracy in short-term price predictions, helping investors make informed decisions and optimize their investment strategies.

**Skills Used:** Python, Scikit-learn, Pandas, NumPy, Matplotlib, Yahoo Finance API, Jupyter

**Roles and Responsibilities:**

* Collected and processed financial data from multiple sources and APIs
* Implemented feature engineering for technical and fundamental indicators
* Developed multiple ML models including LSTM, Random Forest, and SVM
* Created data visualization tools for market analysis and trend identification
* Built real-time data processing pipeline for live market monitoring
* Designed comprehensive dashboard for investment decision support

**DECLARATION**

I Here by declare that the information is true and correct to the best of my knowledge and belief.

Date: DUTTATI NEELIMA

Place: